

#### RECEIVED

OCT 3 1 2019

Enforcement and Compliance Assurance Division

303.398.0302 866.742.1784 Fax info@gwogco.com www.gwogco.com

Great Western Operating Company 1001 17th Street, Suite 2000 Denver, CO 80202

Ms. Alex North
Air and Toxics Technical Enforcement Program
Office of Enforcement, Compliance, and Environmental Justice
Environmental Protection Agency Region 8
Mail Stop: 8ENF-AT
1595 Wyncoop Street
Denver, Colorado 80202-1129

Sent Via Email

October 30, 2019

RE: NSPS OOOOa 2019 Report for Great Western Operating Company, LLC

Ms. North:

Great Western Operating Company, LLC (Great Western), is submitting the New Source Performance Standards OOOOa report for its assets located in the Denver-Julesburg Basin in Colorado as required by 40 CFR 60.5240a(b). This report represents the period from August 2, 2018 through August 1, 2019.

Great Western is submitting this annual report for the following affected facilities:

- Well
- Reciprocating Compressors
- Fugitive Emissions Components
- Pneumatic Pumps

Please contact me at avoit@gwogco.com if you have any questions or require any additional information.

Sincerely,

Great Western Operating Company, LLC

(b) (6)

Amy Voit Field EHS Coordinator – Air Quality

### Certification Statement

#### §60.5420a(b)(1)(iv)

A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

#### CERTIFICATION BY A CERTIFYING OFFICIAL OF TRUTH, ACCURACY AND COMPLETENESS

Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

SIGNED: (b) (6)

1

Name of Certifying Official: Jeremy Conger

Title of Certifying Official: Senior Vice President Operations

Email Address: jconger@gwogco.com

Phone Number: 303-398-0302

### 40 CFR PART 60 - OOOOA ANNUAL REPORT

SITE INFORMATION



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pty because him. " med various and orienting generated if or to med communical	Company Name * (SVE SAZOACHI SVE)	Mea Price and a series .	US skell to ar US spell to Accepted with the Affection Facility, If applicable. * (SARS-COulte(1))		Address 2	Gir*	Courty *	State Abbrevation	Zip Coste *	Heaptenclate Againsy Facility (Scare Facility (dentified)	1800-1400-94131918 Delicidation fo. 200-19131919	Listitude of the Sins Interinal degrees for S declines using the forch American Debuth of 1982 (NO.S-420e/HSTRE)	Simplicate of the Site Statement degrees to 5 desired; using the Botts American Dates of 1923 (844-5428-001).003	Segunday Gere of Separating Period.* (Self-Sector/Self-Self-	Ending Date of Super-Section Person."	Private provide the file some that contains the mentication opened by a quartiest professional engineer for each closed will explain restring to a source device or presses. *	Please evint and additional information.	timer associated name reference
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- 1	Great Worston Operating Company LLC		91-901-09847	MA.	No.	Non	Adams	-60	MA.	801 21W	and they also	(6)	(9)	6/3/7018	8/1/2019			-
	Sensit Western Operating Company LLC		05-001-09961	MA.	166	164	Adamy	X00		681-2896		(0)		\$/3/001A				
	Great Western Operating Company LLC Great Western Operating Company LLC		85-123-09817 85-123-0981	NA NA	166	100	West	500	80	TNO				9/3/3014 8/2/3018				
	Sireut Western Operating Company LLC	B-Farm (D)	25-003-10990	ma.	144	166	Attent.	60		801-2106				8/2/0618	£/1/2009			
	Great Western Operating Conspany U.C.	B-Farm CD	85-901-DHM	98	NA.	168	Adams	00	NA.	001-71HK				N/2/2018	A/1/2019			
	Smart Housens Operating Company U.C.		105-003-0009s)	76.0.	No.	NA.	Relative	00		861-5784				8/0/0018	8/3,72099			
	Great Western Operating Company LLC Great Western Operating Company LLC		95-901-30699 95-902-30694	91	NA.	No.	Adams	00	NO.	901 2184 901 2184				8/2/0018 3/2/0018	6/L/2029 6/L/2029			
10	Great Western Operating Company U.C.	6-Farm LD	25-001-10295	70.0	94	50	Adams	00	50.	B01-5784				8/2/2018	871/2005			
15	Great Western Doersting Company LLC	8-Feet (2)	85-805-8086-	66.5	NA.	AGE	Actors.	0.0	MA.	DE1-21%				1/2/2018				
	Great Western Operating Company LCC Creek Western Operating Company LCC		95-901-10997 90-901-10998	984	NA.	NA	Attento	co	NA .	D01-2194				6/2/2018				
	Great Western Operating Company U.C.		82-901-35946	TRA	168	NA NA	Actimo Actimo	00		881-7194 881-7194				9/2/0018 9/2/0018				
	Great Wiretern Operating Company U.C.		85-901-1823-8	764	54	NA.	Polision.	00		981-7198				8/2/JE18				
26	Great Western Operating Company U.C.	8-Parm (D)	85-801-90267	MA	56	NA	Actions	00	MA.	D01-2194				8/2/2018	8/1/2019			
	Great Western Operating Company (LC		89-001-00271	191	58	NA	Action to	500		1801-512W.				1/2/2011				
	Sinter Western Sparating Company LLC Great Western Sparating Company LLC		195-103-10 MS	MA.	NA NA	NA.	Adamy. West	00	80	190 LIAWON				8/2/2018				
	Great Windows Spending Company LLC		05-123-40672	764	24	No.	West			12.8-9036				9/2/2014				
23	Great Western Operating Company U.C.	Surr 70 33	99-1423-10679	790	ne.	man	THE	100	99/1	12.99006				\$/2/7018	6/1/2029			
	Great Western Operating Company U.C.		80-121-40877	MA MA	58	NA NA	Wind	CO	NA NA	129-9000				8/2/2018				
25	Great Western Spending Company LLC Great Western Spending Company LLC	Sur 70 Z3	D5-121-40879 D5-121-4089E	NA.	NA NA	766	West	(0)	NA.	123-9506				8/2/2018	8/1/2089 8/1/2089			
25	Great Western Operating Company LLC	Sur 10.73	81-121-41108	NA.	56	100	Street	00		123-9006				8/2/2018	6/1/2009			
-36	Great Winstern Operating Company LLC.	Bur F0 23	05-121-81560	16.0	Air	MA	West	00	966	129/9006				16/2070118	1/1/2019			
	Great Windows Operating Company U.C.		05-123-41300	NA .	NA	NA	West	00		123-409				9/3/2014	A/1/2089			
	Great Winstern Suprating Company LLC Great Winstern Surveting Company LLC		05-123-41361	MA.	146	NA.	West	00	50	123-9075				8/3/0018 8/3/2018				
	Great Western Operating Company CC		82-153-41365	76.6	M	765	Street	00	84	LIAMEN.				5/2/2018	4/3/2029			
	Great Western Operating Company LLC		05-123-41961	81	NA	766	trint	0.0	NA.	(25/909)				6/3/9018				
	Great Western Sparating Company LC		05-125-41984	NA.T	168	466	West	100	NOT	129-9075				\$72,720.04	4/1/2089			
23	Great Western Specifing Company U.C. Snext Western Specifing Company U.C.	Chandle Farms NO 311	05-123-21365 05-121-41365	ma.	NA.	NA.	Water Water	10	No.	13 8 9075				9/2/2018 8/2/2018	6/1/2019 6/1/2019			
25	Great Western Operating Company LLC	Charder Farms HD 20		76.0	46	NA.	Nex	100	NA.	119-9079				8/2/2018	1/1/2019			
. 16	Seest Western Operating Company LLC	Charletin Family RD 20	B3-123-41366	84	58	No.	West	180		129-909				9/2/2018	9/1/2089			
	Great Western Operating Company LLC			NA	NA	NA	West	00	966	124-9093				4/0/0014				
	Great Western Sperating Company LLC Stream Western Sperating Consumy LLC			200	NA NA	ALC:	West	160	NO.	Li k-work				6/2/2018 8/2/2018				
	Great Western Operating Company LLC		05-123-63443	MA.	NA	Ala	West	CKD	M/s	123-9939				8/2/2016				
	firest Western Sparaling Company LLC		DE-125-15440	MA.	for.	NIX	<b>Wwitt</b>	100	NA.	123-9105				6/2/2018	8/1/2019			
	Smart Western Operating Company LLC Great Western Operating Company LLC		05-121-41645: 05-121-41686	MA.	NA.	No.	Water	00	No.	123-9603				8/2/0018 8/2/0018	9/1/2089 9/1/2089			
91	Sent Western Spending Company U.C.	Dillow W 20	00-121-13452	NA.	56	100	State .	00	NA.	128-9143				6/2/2018	1/1/2019			
	Great Windom Operating Company U.C.		RS 121-4345-8	m1	NA	764	Wall	100		123 9141				8/0/3518				
	Great Western Operating Company LLC		D5-121-43415	MA.	NA	MA	West	00	960	119-9193				8/5/2018				
	Great Western Operating Company U.C. Great Western Operating Company U.C.		05-121-43467 05-121-43461	NA.	NA NA	NA NA	West	00	NA.	(13 9/4) (13 9/4)				8/2/001# 8/2/001#				
	Great Western Sparating Company U.C.		05-123-13428	84	NA	50	West	CED	MA.	123-0761				8/2/2018				
	Great Western Operating Company U.C.		05-121-53462	ma .	NA	NA.	Wine	000	86	123 9763				6/2/2018	9/5/2009			
10	Great Western-Operating Company LLC	Dittrear RE 20	05-121-43449	944 764	NA.	ALK TAN	West	CO	NA.	123-9143				6/2/2018	4/1/2019			
	Great Western Operating Company LLC Great Western Operating Company LLC		05-121-43450	84	NA.	NA.	West	C0	80	123.9593				6/2/2018 6/2/2018	6/1/2019 4/1/2019			
	Senat Western Oversting Company LLC		RS-123-43454	NA	NA	168	West	00	NA:	123/9745				8/3/2018	9/1/2019			
95	Great Western Operating Company U.C.	Dittriver HE 20	05-123-43456	64	NA.	/60	Want	.00	160	129-9763				8/2/2018	8/1/1019			
	Smart Western Operating Company LLC Sanut Western Operating Company LLC		05-121-43616	NA NA	146	NA.	West	00	960 800	123-9163				8/9/9018 8/9/9018	8/1/2019			
	Great Western Operating Company LLC.		61-121-43660	NA.	NA.	NA	West	00		128-9763				8/2/9018				
59	Seest Western Sperating Company U.C.	Hodak CDP	No.	907	NR	No	Tires.	181	50.	119 4000				9/9/9019	9/3/2099			
	Great Western Operating Company LLC		05-121-10504	44	NA	MA	Water	(10)		12.8-6094				8/2/2018				
44	Great Western-Operating Company LLC Great Western Operating Company LLC	Reduk Morth	05-123-39344	NI NI	46	NAN.	West.	00	MA.	123-6098 119-6098				6/2/2014 6/3/2014	A/1/2019 9/4/2019			
67	lizest Western Operating Company LLC.	Hartan North	69-111-2014B	51	NA.	Mix	New	(0)	mit.	123 4036				8/3/2018	8/1/2019			
	Great Western Operating Company LCC		05-129-39384	944	NA	NA	Water	00	NA .	123-6534				8/2/2018	9/1/2019			
	Great Western Operating Company LLC		05-123-43897	NA.	NA	ALK	Weid	CIU	866	123-6036				8/3/2016	1/1/2019			
	Great Wootern Operating Company U.C. Great Wootern Doarsting Company U.C.		85-113-4350F	94	NA NA	No.	West	C00		123-0200				8/3/3018 8/2/2018				
	Great Western Operating Company LLC			24	14	100	there	00	NA.	123-9584				8/2/2018				
	Great Western Operating Company LLC			NA.	NA	All	West	00		128-9FA4				6/2/2018				
	Great Western Operating Company U.C.		P5-113-60604	NA.	NA	PAK	West	co	760	123-9784				8/3/2018	4/1/2019			
	Great Woston Operating Company LLC Great Woston Operating Company LLC		65-123-46115 65-123-46116	NA.	NA NA	NA.	West	00	NA.	12 9-9/54 12 9-9/54				8/2/2018 8/2/2018	8/1/2015 8/1/2015			
23	Great Wordorn Specifing Company U.C.	Harrisk Swath FD:	69-113-44117	ma.	NA.	No.	these	00	Pin .	12.9-9rise				8/2/2518	8/1/2019			
24	Genet Western Operating Company LLC	Service Severille ESF	05-329-40159	NA.	NA	NA	West	-00	MIN	113-9764				6/3/2018	8/5/2019			
	Great Window Operating Company LLC Great Western Operating Company LLC		65-173-52584 83-175-62583	NA NA	166	ALK NO.	West	00	PER.	138-WISO				9/3/3018 9/3/3018	9/1/2019 9/1/2019			
100	Great Western Operating Company LLC		05-171-17588 05-171-17588	76.0	NA.	No.	Want	100	NA NA	123-9650				\$/2/2018 \$/2/2018				
32	Company Specialing Company LLC		85-119-62581	NA.	MA	NA.	West	(0)		124-9550				8/9/9018				
	Genal Western Operating Company LLC		05-173-47544	194	NA	166	West	E80	NA.	123-9050				8/2/2018	9/5/2019			
79		Marria 10	ES 519-62866	764	166	MK	West	(0)		129 9910				8/3/2018				
71	Great Worlers Operating Company LLC		BE SEE COLOR															
20 20 80 81	Great Workers Operating Company LLC Great Western Operating Company LLC	Martiul EB		NA NA	NA	NA	West.	(0)		124-9550				8/2/0018	9/5/2039			
79 80 81 62	Great Wordern Operating Company LLC Great Western Operating Company LLC Great Western Operating Company LLC	Marrue LD Marrue LD	65-123-43845	NA	168.	NAA NAA	West	600	866	123 9550				8/2/2018	8/1/2016			
20 20 20 20 20 20 20 20	Great Wordern Operating Company LLC Great Western Operating Company LLC	Martin LD Martin LD Martin LD Martin LD	05-123-43845 05-123-44040 05-123-44041			166			RIA NA									
20 20 20 20 20 20 20 20 20 20 20 20 20 2	Great Workins Operating Company LLC Great Workins Operating Company LLC	Martin EB Martin EB Martin EB Martin EB Martin EB	05-123-43845 05-123-44040 05-123-44041 05-123-44041	NA NA NA NA	nun nun nun	NAS NAS NAS	West West West	CD CD CD	NA NA NA	123-9550 123-9550 123-9550 123-9550				8/2/2018 8/2/2018 8/2/2018 8/2/2018	8/1/2019 8/1/2019 8/1/2019 A/1/2019			
20 20 40 40 40 40 40 40 40 40 40 40 40 40 40	Great Wordern Operating Company LLC Great Western Operating Company LLC	Marran ED Marran ED Marran ED Marran ED Marran ED Marran ED	05-123-43845 05-123-44040 05-123-44041	NA NA	NA NA	NAS.	West	CID CID	NA NA NA	129-9550 129-9550 129-9550				8/3/2018 8/3/2018 8/3/2018	8/1/2019 8/1/2019 8/1/2019 A/1/2019			

	uch field Indicates that the corresponding f		SITE INFO	RMATION							ALTERNATIVE	ADDRESS INFORMATION OF NO PHYSICAL ADDRESS	AVALABLE FOR SITE *	REPORTING IN	FORMATION	PE Certification Mease provide the Itie	ADDITIONAL	L INFORMATION
tity fincised No. * Peld upfue will settically geometric or is not entared.	Company Name * (560 5420s(a)(23)(a)	FacFby Site Marrie * 1960.5420wik)(\$)(8)	US Well ID or US Well to Associated with the Affected Facility, if applicable. * (\$60.5426a(b)(1)(1)	Address of Affected Facility * (\$60.5420x(0)(1)(0))	Address 2	City *	County *	State Abbreviation	. Zip Code *	Responsible Agency Facility to (State Facility National	Description of Ste Location (960 5420wb)((3)(8)	Settlinde of the Side Steadmail degrees to 5 decimals using the North desertion (below) of \$99.5 (\$90.5400(\$)0)	Longitude of the Site (Section degrees to 5 decimals using the North American Deturn of 1943) 540-5426-05(5)(6)	Beginning Date of Respecting Period.* (960.5420a(b)(13mil)	Ending Gate of Reporting Period.* (\$60.5420x(0)(1)(00)	name that contains the certification signed by a qualified professional engineer for each closed year sprion routing to a central device or process.  (AND VALIDATION 21	Please enter any applicable information.	friter associan
	9 Great Western Operating Company LLC 9 Great Western Operating Company LLC	Marcus LO	05-123-45363 05-123-45365	NA NA	NA.	PAIL PAIL	Weld	00	NA NA	123-9650		(b) (9	9)	8/2/2018	N/1/2019 N/1/2019			
	Great Western Operating Company U.C.	Marries 6D	05-121-43387	NA	NA	ren.	Weld	603	NA	123-9650		( ) (		8/2/2018	8/1/2019			
	2 Great Western Operating Company E.C. 3 Great Western Operating Company E.C.	Marcus CD	05-123-45388 05-001-09984	NA NA	NA.	PAR.	Metd	00	NA NA	128-9450 001-2180				8/2/2018 8/2/2018	8/1/2019 8/1/2019			
	4 Great Western Operating Company LLC		05-061-09987	NA NA	No.	PAR.	Adami	00	NA NA	001-2180				8/2/2038	8/3/2019			
•	5 Great Western Operating Company LLC	Oche LD	05-001-09993	NA	MA	NA.	Adams Adams	00	NA.	003-2180				8/2/2018	9/3/2019			
	6 Great Western Operating Company LLC 7 Great Western Operating Company LLC	Oche LD	05-001-09994 05-001-09995	NA NA	No.	NA.	Adams	89 89	NA NA	001-2180 001-2180				8/2/2018	8/1/2019 8/1/2019			
9	8 Great Western Operating Company U.C.	Ocho UD	05-003-09996	NA	NA	NA.	Adams	00	NA	001-2180				8/2/2018	6/1/2019			
	9 Great Western Operating Company LLC 8 Great Western Operating Company LLC		05-001-09997 05-001-09998	NA NA	NA NA	FLA.	Adams	00	NA NA	001-2180 001-2180				8/2/2018				
	Great Western Operating Company LLC  Great Western Operating Company LLC		05-001-09998	NA.	NA.		Adams	00	NA NA	001-2180				8/2/2018	8/1/2019			
14	2 fireat Western Operating Company LLC	Octive LCI	05-001-10000	NA	160	N.6	Adams Adams	00	NA	001-2180				8/2/2038				
16	3 Great Western Operating Company L.C. 4 Great Wastern Operating Company L.C.	Date LD	05-003-10003 05-003-10007	NA NA	No.	PLS PLS PLS PLS PLS PLS PLS PLS PLS	Adams	CO CO CO CO CO	NA NA	001-2180 001-2180				8/2/2018 8/2/2018	8/1/2019 8/1/2019			
16	5 Genat Western Operating Company LLC	Ottegen LE	05-123-44330	NA	160	NIL	Weld	00	NA	123-A053				8/2/2018	8/1/2019			
	6 Great Western Operating Company LLC 7 Great Western Operating Company LLC		05-123-44332 05-123-44335	NA NA	NA.	PAS.	Weld Weld Weld	00	NA NA	123-A053 123-A053				8/2/2018 8/2/2018	8/3/2019 8/3/2019			
16	6 Great Western Operating Company LLC	Ottesen LE	05-323-44336	NA	ren.	MA.	Weld	00	NA.	123-4053				8/2/2018	8/1/2019			
	Great Western Operating Company LLC     Great Western Operating Company LLC		05-123-44337	NA NA	NA.	MA. MA. MA.	Weld	00	NA NA	123-4053 123-4053				8/2/2018	8/1/2019			
11	1 Great Western Operating Company LLC	Ottesen LE	05-323-44343 05-323-44364	NA	MA.	NA.	Weld	00	NA.	123-4053				8/2/2018	8/3/2019			
	2 Great Western Operating Company LLC 3 Great Western Operating Company LLC		05-123-44345 05-123-44346	NA NA	NA.	PAR	Weld.	00	NA NA	323-A053 123-A063				8/2/2018 8/2/2018	6/1/2019 6/1/2019			
11	4 Great Western Operating Company &LC	Ottesen LE	05-123-44347	NA	MAR.	MA. NA. NA.	Weld	CD	NA:	123-4053				8/2/2018	8/1/2019			
31	5 Great Western Operating Company LLC 6 Great Western Operating Company LLC	Ottesen LE	05-123-44351 05-123-44355	NA NA	FMA.	945.	Weld	CD CD	NA NA	123-4053 123-4053				8/2/2018	6/1/2019 5/1/2019			
. 11	7 Great Western Operating Company LLC	Ottesen LE	05.121-48357	NA	NA.	NA NA NA	World World	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	NA.	123-4053				8/2/2018	6/1/2019			
11	# Great Western Operating Company U.C. # Great Western Operating Company U.C.	Ottesen LE	05-123-44364 05-323-44368	NA NA	NA NA	NA.	Wells	00	NA NA	123-A053 123-A053				8/2/2018 8/2/2018	6/3/2019			
	6 Great Western Operating Company LLC		05-323-48287	NA.	MA.	NA. NA. NA.	Weld	00	NA.	123-4053		efc.		8/2/2058	8/3/2019			
12	1 Gireat Western Operating Company ELC 2 Great Western Operating Company ELC	Postle IC 10	05-123-46037 05-123-46038	NA NA	NA.	764	Weld	00	NA NA	123-9000				8/2/2018 8/2/2018	N/1/2019 N/1/2019			
12	3. Great Western Operating Company LLC	Postle IC 10	05-123-46039	NA	NA.		Weld	(0)	NA.	123-4000				8/3/3058	8/1/2019			
12	Great Western Operating Company LLC	Postle IC 10	05-123-46040	NA	NA.	NA. NA. NA.	Weld	00	NA	123-9000				8/2/2018	6/1/2019			
12	5 Great Western Operating Company LLC 6 Great Western Operating Company LLC	Postle IC 10 Postle IC 10	05-123-46041 05-123-46042	NA NA	NA	NA.	Weeks	co co	NA.	129-900E 129-900E				8/2/2068 8/2/2008	8/1/3619			
12	7 Great Western Operating Company LLC	Postle IC 10	05-123-46043	NA	NA.	FMA.	Weld	600	NA	129-9006				8/2/2018 8/2/2018	8/1/2019			
12	S Great Western Operating Company U.C. S Great Western Operating Company U.C.	Postle IC 10 Postle IC West	05-123-46064	NA NA	NA.	NA NA	Weld	00	NA NA	129-9006				8/2/2018 8/2/2018	A/1/2019 A/1/2019			
13	6 Great Western Operating Company LLC	Postle IC West	05-123-19129	NA	NA.	NA.	Weld	60	NA.	129-9000				9/2/2058	8/1/2019			
	Great Western Operating Company U.C. 2 Great Western Operating Company U.C.		05-123-19521 05-123-19413	NA NA	NA.	NA NA	Weld	60 60	NA NA	123-900K				8/2/2058 8/2/2058	6/5/2019 6/5/2019			
11	Great Western Operating Company LLC	Pastle IC West	05-123-40232	NA.	NA.	NA NA NA NA	Week!	60	NA	123-9000				8/2/2018	6/1/2019			
13	4 Great Western Operating Company LLC 5 Great Western Operating Company LLC	Rael 36-6-2HC	05-323-47955 05-123-47956	NA.	NA NA	NA.	Weld	00	NA.	123-9/0A 123-9/0A				8/2/2058 8/2/2058	8/1/2019			
13	Great Western Operating Company LLC	Rani 34-4-290C	05-123-47357	NA	NA	TAA	Weld	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	NA	123-96A				8/2/2068	8/1/2019			
13	7 Great Western Operating Company LLC 8 Great Western Operating Company LLC	Rael 38-6-2HC	05-123-47958 05-123-47959	164	NA.	NA NA	West	00	NA NA	123-960A 123-960A				8/2/2068 8/2/2068	6/1/2019 8/1/2019			
13	S Great Western Operating Company LLC S Great Western Operating Company LLC	Rari 34 4-2HC Rari 34-4-2HC	05-123-47309	NA NA	NA.	NA NA	WHIS	00	NA NA	123-WEA 123-WEA				8/2/2068 8/2/2068	6/3/2019			
24	F Great Western Operating Company U.C.	Ract 34-4-2HC	05-123-47361	NA	NA	THA	wete	00	200	125-9FGA 125-9FGA				8/2/2018	8/1/2019			
14	Great Western Operating Company U.C. Great Western Operating Company U.C.	Raindance FD	05-123-43290 05-123-35095	NA NA	NA NA	NA	Weld	60	NA NA	123-960A 123-9688				8/2/2058	8/1/2019			
14	3 Great Western Operating Company LLC	Raindance FD	05-123-35099	NA NA	NA NA	PAR.	Weld	00	NA.	123-9688				8/3/3058	8/3/2019			
14	Great Western Operating Company LLC Great Western Operating Company LLC	Raindance FD	05-823-35100 05-823-35100	NA NA	NA.	NA NA NA NA NA NA NA NA NA NA	Weld	00	NA.	123-9FBB 123-9FBB				8/2/2018	8/3/2019			
14	Great Western Operating Company LLC	Reindence FD	05-123-17004	N4.	NA	765	Weld	00	NA NA	123-9988				8/2/2068 8/2/2068	5/3/2019			
	Forest Western Operating Company U.C. Great Western Operating Company U.C.		05-123-37904 05-123-44987	NA NA	NA.	NA NA	West	00	NA NA	125-9788				8/2/3088 8/2/3088	8/1/2019			
14	Great Western Operating Company LLC	Raindance FD	05-123-44988	NA	NA	NA	Weld	00	NA.	129-9988				8/2/2018	8/1/2019			
15	6 Great Western Operating Company U.C. 1 Great Western Operating Company U.C.	Randarce FD	05-123-44989	NA NA	NA.	NA.	West	00 00	NA.	125-9768				8/2/2098 8/2/2098	8/1/2019 8/1/2019			
15	2 Great Western Operating Company LLC	Raindance FD	05-823-44991	NA.	NA.	NA NA NA	United United United United	00	54	129-0968				8/3/2088				
15	Great Western Operating Company U.C. Great Western Operating Company U.C.	Raindance FD Raindance FD	05-123-44992 05-121-45007	NA NA	NA NA	NA.	WHITE	00	NA NA	129-9988				8/2/2058	8/3/2019			
15	5 Great Western Operating Company LLC	Rundance FD	05-121-45007	194	NA.	NA	Webs	00	NA.	123-9488				8/2/2068	8/5/2029			
	6 Great Western Operating Company LLC 7 Great Western Operating Company LLC		05-821-44742 05-821-44745	NA NA	NA NA	NA.	Weld Weld	00	NA NA	123-9675				8/2/2018 8/2/2018	8/3/2019			
15	8 Great Western Operating Company LLC	Ritchey 26	05-327-44767	No.	NA.	MA	West West	60	NA.	123-9575				8/2/1068	8/3/2019			
14	Great Western Operating Company LLC Great Western Operating Company LLC	Riverdale 14-4-12HC	05-323-44767 05-001-69845	NA.	NA.	NA. NA. NA.	Adams	60	NA.	123-9675				6/2/2016 8/2/2016	8/1/2019 8/1/2019			
16	Great Western Operating Company LLC	Rivertale 14 4 12HC	05-001-09926	NA.	NA.	NA	Adams Adams	CD CD CD CD	NA	001-2126				8/2/2018	8/1/2019			
	2 Great Western Operating Company LLC 3 Great Western Operating Company LLC		05-123-43137 05-123-45997	NA NA	NA NA	NA.	Weld	60	NA NA	123-9/08				8/2/2018 8/2/2018	8/8/2019			
16	Great Western Operating Company LLC	Sack HE	05-121-46994	NA	NA	NA NA	Weld	00	NA.	123-9708				B/2/2058	8/3/2019			
16	5 Great Western Operating Company LLC 6 Great Western Operating Company LLC	Sack RE	05-123-46995 05-123-46996	54	NA NA	NA NA	Weld Weld	00	NA.	123-9706				8/2/2018 8/2/2018				
16	7 Great Western Operating Company LLC	Sack KE	05-123-46998	NA.	NA.	NA	West	603	NA.	123-9708				8/2/2018 8/2/2018				
16	Great Western Operating Company LLC	Schaefer LD	05-001-09858 05-001-09850	NA.	NA NA	NA NA	Weld Adams	CO	NA NA	001-2189				8/2/2018	8/1/2019			
	Signed Western Operating Company LLC Signed Western Operating Company LLC		05-001-09860 05-001-09866	164	NA.	NA.	Adams Adams	60	NA NA	001-2183				8/2/2018	8/3/2019			
17	Great Western Operating Company LLC	Schaeler (J)	05-001-10253	345.	NA.	NA. NA	Adams Adams	00	NA	001-2183				8/2/2018	8/3/2019			
17	2 Great Western Operating Company LLC 3 Great Western Operating Company LLC	Schaefer LD Schaefer LD	05-001-10254 05-001-10255	NA.	NA.	NA.	Adams Adams	60	NA NA	001-2183 001-2183				8/2/2018 6/2/2018	8/1/2019			
17	Great Western Operating Company LLC	Schneider HD	05-123-41741	NA.	NA	NA	Weld	60	NA.	123-968C				8/2/2018	8/1/2019			
	Great Western Operating Company LLC Great Western Operating Company LLC		05-123-41742 05-123-41743	NA.	NA NA	NA NA	Weld	60	NA NA	123-968C 123-968C				8/2/2018 8/2/2018	8/1/2019			
17	7 Great Western Operating Company LLC	Schneider HD	05-323-41744	164	NA	NA.	Weld	60	NO.	123-9080				8/2/2018	8/3/2019			
1.7	Forest Western Operating Company LLC Forest Western Operating Company LLC	Schneider HD	05-123-41745 05-123-41746	NA.	NA.	NA NA	Weld	60	NA.	128-968C 128-968C				8/2/2018	8/3/2019			
19	6 Great Western Operating Company LLC	Schneider HD	05-323-41747	NA.	NA	NA	Weld Weld Weld Weld	60 60	845	12.9-9680				8/2/2018 8/2/2018	8/3/2019			
	Great Western Operating Company LLC		05-123-41748	NA.	NA	NA	Weld	60	NA.	123-9080				8/2/2018	8/3/2019			
	Great Western Operating Company LLC Great Western Operating Company LLC		05-123-41749 05-123-41750	NA.	NA.	NA NA	Weld	60	NA.	123-968C 123-968C				8/2/2018	8/3/2019			
19	Great Western Operating Company LLC	Schneider HD	95-123-41751	160	NA.	NA	Weld Weld	60 60	50.0	123-9686				8/2/2016	8/1/2019			
18	6 Great Western Operating Company LLC 6 Great Western Operating Company LLC	Schneider HD	05-123-42005 05-123-44683	NA.	NA NA	NA.	Weld	60	NA NA	123-968C 123-968C				8/2/2018 8/2/2018	8/1/2019			
16	7 Great Western Operating Company LLC	Schneider HD	05-123-64684	NA NA	NA NA	NA NA	Weld Weld	60	NA.	123-908C				8/2/2018	6/1/2019			
18	6 Great Western Operating Company LLC	Schneider HD	05-127-44685	MA.	NA	NA	Weld	60	NA.	153-9080				8/2/2018	8/3/2019			
	Great Western Operating Company LLC Great Western Operating Company LLC		05-123-46409 05-003-09961	NA NA	NA NA	NA NA	Weld	60	BGA.	123-968C 091-7217				8/2/2018 8/2/2018	8/1/2019			
				100	-675	-67	Account to	480	-					#J/4/2018	at at the page			
19	Great Western Operating Company LLC Great Western Operating Company LLC		95-901-09962 95-901-09965	NA.	NA NA	NA NA	Adams	60	965	001-2217 003-2217				8/2/2018	8/1/2019			

	ch field indicates that the corresponding f	ten is required.	SITE INFOR	MOTANA							At White Pro-	ACDRESS INFORMATION (IF NO PHYSICAL ADDRESS	AVARABLE FOR SUTE TO	REPORTING IN	EDWASTION	PE Certification	ADMITTONIA	LINFORMATION
			3112 0000	IMATION							ALTERNALITY	Accounts introduce from prints introduce accounts	ATMINANCE FOR SITE 1	NEP CHI (SHC 1)	I STREET HOME	Please provide the the	ALC: IT/IN	C Description
Packity Record No. * (Exit volue will clamatically generate if value is not ordered.)	Company Name * (650:5420a(b)(0)(6)	Facility She Rame * (960.5420ach(CI)(8)	US Well ID or US Well ID Associated with the Affected fusility, of epipicable, * (\$60.5-COnjus[3](1)	Address of Affected Facility * (966: 542 harts(130))	Address Z	Oty*	County *	State Abbreviation *	Zp Cede *	Responsible Agency Facility ID (State Facility Identifier)	Description of Site Location 1540-542(heb)(1)(s)	Eath use of the Site (Destroit degrees to 5 decimals using the Nooth American Datum of 194.8) (840-5420e(b)(1996)	Langitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (660.5420+th)(300))	Beginning Date of Reporting Period.* (\$60.5420w/kd13(ng))	Ending Pare of Reporting Period *	name that contains the conditions algorithm signed by a qualified professional engineer for each choose unit experiencementaling to a scenario device or process.	Please enter any additional information.	finior associated same reference
	Great Western Operating Company CLC			NA	NA	ren.		00	N/A	001-2217		(b) (	9)	8/2/2016				
	Great Wastern Operating Company LLC			NA		MA.		CO	NA	001-221.9		( )	<u> </u>	8/2/2016				
	Great Western Operating Company LLC			NA	No.	PER.		60	RIA.	001-2217				8/2/2038				
	Great Western Operating Company ELC			NA	NA	F&A		C0	NA.	001-2217				8/2/2018				
	Great Western Operating Company LLC			NA		No.		CID	NA	001-2191				8/2/2018				
	Great Western Operating Company LLC			NA	MA	F6A	Welst	CD	NA	123-9968				8/2/2018				
	Great Western Operating Company &C			NA	MAIL.	NA.	Weld	00	NA	123-9168				8/2/2038				
	Great Western Operating Company LLC			NA		BAN.	Weld	CO	NA.	129-9168				8/2/2018				
	Great Wastern Operating Company LLC			NA	MA	NA.	Weld	0.0	PAA.	123-9168				8/2/2018				
	Great Western Operating Company ELC			NA		Ren.	Weld	0.0	NA.	123-9568				8/2/2018				
	Great Western Operating Company (LC			NA		PAA.	Weld	C10	NA.	123-9168				8/2/2018				
	Great Western Operating Company LLC			NA	NA.	MAN.	Weld	00	NA.	153-0066				8/2/2018				
	Great Western Operating Company &LC			NA	NA.	PAA.	Weld	C0	NA.	123-9168				8/2/2018				
	Great Western Operating Company LLC			NA	NA.	NA.	Weld	(30	NA	121-9068				8/2/2018				
	Great Western Operating Company ELC			NA		NA.		0.00	NA.	123.9168				8/2/2016				
	Great Western Operating Company LLC			NA	MA	MA	Weld	00	NA	123-9668				8/2/2018				
	Great Western Operating Company LLC			NA	NA.	MA.	Weld	00	RIA.	121-AF33				8/2/2038				
	Great Western Operating Company U.C.			NA	NA	NA.	Weld	00	NA.	123-A853				8/2/2018				
	Great Western Operating Company ELC			NA	NA.	MAR	Weld	CO	PLA.	123-A899				8/2/2018				
213	Great Western Operating Company LLC	Störoven Farm	05:123-45404	NA		MA.	Weld	CO 03	PLA.	123-4053				8/2/2038	8/3/2019			
214	Great Western Operating Company LLC	Stillrown Ferm	05-123-45407	NA	NA.	MA.	Weld	60	NA.	123-4899				8/2/2018	8/3/2019			
215	Great Western Operating Company LLC	Scillroven Farms	05-123-45408	NA	NA	MA	Weld	CO	PLA.	123-A009				8/2/2018	8/3/2019			
	Great Western Operating Company LLC			NA	NA.	MAR.	Weld	CD	RIA.	123-A828				W/2/2058	8/3/2019			
217	Great Western Operating Company LLC	Stillroven Farm	05-123-45412	NA	NA.	MA.	Weld	CO	NA.	123-A893				8/2/2038	8/3/2019			
218	Great Western Operating Company LLC	TRM DE	05-123-43241	NA.	NA.	R65	Weld	CO	NA	123-967A				8/2/2018	8/3/2019			
219	Great Western Operating Company LLC	Tailbelt FD 11	05-123-38579	NA	NA.	MA	Weld	CO	NA.	123-9070				8/2/2016	8/3/2019			
229	Great Western Operating Company LLC	Talkelt FD 11	05-123-38580	NA	NA.	FEA.	Weld	00	NA	125-9OFE				8/2/2018	6/1/2019			
221	Great Western Operating Company LLC	Tailbuit FD 11	05-123-38581	NA	NA.	MA	Weld	00	NA.	123-9CFE				8/2/2018	8/3/2019			
222	Great Western Operating Company LLC	Talhult FD 11	05-123-38616	NA		MA	Weld	00	NA.	155-9000				8/2/2018	8/3/2019			
223	Great Western Operating Company LLC	Tailbolt FD 11	05-123-98617	NA		MA.		0.0	NA	123-90FE		200		8/2/2018	8/3/2019			
224	Great Western Operating Company LLC	Tailbuit FD 11	05-123-37814	NA	No.	MA.	Weld	00	NA	323-9CFE				8/2/2018	8/1/2019			
225	Great Western Operating Company LLC	Talhelt FD 11	05-123-18578	NA	NA.	NAT.	Weld	00	NA.	123-90F0				8/2/2038	8/1/2019			
	Great Western Operating Company ELC		05-123-985E2	NA	NA.	MEA.		CD	MA	123-9CFE				8/2/2016				
	Great Western Operating Company LLC			NA	NA	NA		CID	NA	127-A01A				8/2/2018				
	Great Western Operating Company LLC			NA		MA.		CID:	NA.	125-001A				8/5/2038				
	Great Western Operating Company LLC			NA	NA.	DE-R	Weld	CD	THE	127-401A				8/2/2018				
	Great Western Operating Company SEC			NA	NA.	NA.		CD	NA	125-401A				8/2/2018				
	Great Western Operating Company LLC			NA		Ren.		CD	PEA.	123-A01A				8/2/2038				
	Great Western Operating Company LLC			NA	NAME:	man.		CD	NA.	129-AREA				8/2/2038				
	Great Western Operating Company LLC			NA		NA.		CD	NA	123-481A				8/2/2018				
	Great Western Operating Company LLC			NA		MA.		CO	NA.	123-481A				6/2/2016				
	Great Western Operating Company LLC			NA	NA.	NA.	WWIII	CD	NA	123-A91A				8/2/2018				
	Great Western Operating Company LLC			NA		Man.		CIO	No.	129 A91A				8/2/2018				
	Great Western Operating Company LLC			NA	NA.	MA		CD	NA	129-A01A				8/2/2018				
	Great Western Operating Company LLC			NA	NA.	NA.		CO	NA	123-A01A				8/2/2018				
	Great Western Operating Company LLC			NA		NA.		CIO	NA.	137-A81A				8/2/2018				
	Great Western Operating Company LLC			NA	NA	NA.		CD	NA.	123-A81A				8/2/2018				
	Great Western Operating Company LLC			NA	NA.	NA.		C00	NA	123-A61A				8/2/2018				
	Great Western Operating Company LLC			NA	NA	160.	West	00	PAA.	123-A01A				8/2/2018				
243	Great Western Operating Company LLC	Wilson K	05:123:45458	NA	NA.	MA.	Wwitd	60	NA	123-401A				8/2/2018	A/3/2019			

## 40 CFR PART 60 – OOOOA ANNUAL REPORT WELL



Rael KE 34-039HN

136 05-123-47955

The assisted (\*) each to each field nubitator that the corresponding field is required. 560,5432a Low Pressu Well Affected Facilities Required to Comply with \$60.5375a(a) and \$60.5375a(f) All Mad Completions Steams arounds the Ch Name and Post of the Owner, Time West Time to and State of Cleans of Time of Cloud of name that contains the note of Freeh Assessmen Command Earth Assessment to Countries Community extinued (Smalter) Facility Record Howback Following Towback Following Flowback Equipment lamns they exact water and the chan ned all Daterminati In Rours \* Dieser Elevatrack to Direct Simphack to a Permanently traulic Fracturing Wed Completion ID \* draulic Fracturing o of Returning to the initial Returning to the Initial Parroamonth ited States We operations with hydraulic fracturing were and Supporting Inpub Tenaristor \* (640 542/04/MIZE) (Salars from Semarater \* Disconnected or the Number\* not performed in compliance with the and Calculations \* (\$60.5420a(b)(2)(i) and (\$60.5420a/M/2W) and Refractation \* Refrictions \* Simplified Trans \* Stouback Stone \* 60.5420u(b)(2)(i) and (\$60.5420a(b)(250) and ertup of Production bininghouse the (\$60.5420u0)(250) and (560.5420a(b)(29)) sed itarius of Freduction INCO SATURDATION and USED SATURDATION and AND ARTHURNESS conditionants specified in A 40 5875 s. 44/5 x 43/5 x (2)(7)(7)(7) 440 \$420-Tell 1900 AGO SARONI-NITRIDIANA PRIN \$66.5420a(c)(1)(ii)(n)-\$60.5420a(c)(1)(ii)(A)-SECTION OF STREET AC SANCHING HE HAD SANCED 960.5420Mc(CSICW)(A) 560.5420Mc(CSICW)(A) 560.5420s(c)(1)(iii)(A)-(B)) (\$60.5420a(59230) and 1850 \$430 a/M 297 5 and \$65 \$420 are \$1100 MAIN SATINGS HINGS -1 OWN 79.15 AND SANSAVILLIAMS AND 1801 600 5430+WH1W/WAI-W lease provide only on File per record. eg. 17-345-47990. eg. On October 17, 7016, a teparator sun: eg. lossprensor pell er eg. 17-345-47990. ens neuta for the fact 1 hours of the WY/Compressor/Union. Kg: \$4 12585 brising \*#-10 am. 4415 HV/CompressorStation p. n.g.: Completion ABC ## 18/14/16 eg 10 am \*# 10/26/20 ng 10 am +g: 10/16/16 egi Mum \* E 1075/15 5 05-523-49857 Serry IC 11-15946 7/32/2614 14.00 44 nanaas 15/00 47.000 6 05 133 49651 Same of \$1,000mag T/16/2018 15.00 2/22/2018 7-00 808 24 1/29/2019 7.00 N04-00 6/34/2019 168:00 18 05-005-10262 6/2/2019 6.90 4/10/2019 22:15 NA B.Form 1D 18.1906W 19 05-001-10271 8-Farm LD 18-390HN 6/3/2015 14.00 6/6/2019 20:00 NA 10 6/30/2019 6:00 160-00 17 05-001-10258 NA. NA. 8-Farm LD 18-391HNX 1/30/2019 12:00 6/3/2019 \$-60 MA .. 6/8/2019 B-4% 212-45 11 05 005 10054 160 8-Farm LD 18-392HC 5/11/2019 15-00 1/11/2019 LE-DO MA 10.00 1/21/2019 6-00 255.00 7:45 284.43 14 05-003-10097 13-00 20-15 NA 5/80/2039 166 D. Even 1/0 18-39799 13 05-003-10096 8-Fam (C) 18-393HN 5/19/2019 7.00 5/25/2019 72-00 MA NB E/E/2019 6-00 433-00 6.00 301.00 10.05-001-10093 -PAA. B-Farm LD 18-394HNX 5/15/2019 15.00 5/18/2019 22 05 NA NA. 5/28/2019 437.00 20 05-001-10345 Drawt 12 08-082HC 7/25/2019 100 8/8/2015 15:45 NA 50 #241 Page 8 N-700 NA. 11/15/2018 6.00 170:00 52 05-123-43442 Distance NE 20-6124C 13/8/2018 8-00 11/12/2018 0:25 NA 10:00 258:00 11/14/2018 57 05-121-43656 NA Difference 88 20-032-01 11/3/2018 14/00 11/7/2018 20:00 NA BIA. Ottomer KE 20-03 SHN 10/10/2018 1:00 11/1/2014 7:00 N \*\* 11/7/2018 5-06 186 (90 5:00 248:00 56 05 123 43454 B/A NA Dittmer KE 20-034140 10/24/2018 73.00 SO/SE/SONE 17/00 84 ... 11/4/2018 11.00 766 Diffmor KE 30-034-IN 9.00 10/29/2018 13:25 NA 11/12/2018 53 (5-123-43446 N/A 10/19/2016 11/25/2018 6:30 142:30 Diffmer KE 20-035HN 13/19/2016 11/22/2018 60 05-323-43460 54 05-123-45647 Dietmer KE 20-037HC 11/4/2018 11:00 11/18/2018 7-65 MA ... 11 721 73018 5.00 ATT - 100 10:00 253:00 -N/A 11/12/2008 58 05 233 43468 444 Distance AVE NO. OR THEN 20/02/2028 1.00 11/0/2018 12-20 64 6.00 272:00 58 05-123-43658 NA Dittmar KE 20-038-IN 10/26/2016 22:00 10/91/2018 9:15 NX 13/7/2018 51 05-121-43436 Oiltemer KE 20-039HC 10/19/2018 6 00 10/26/2016 14-50 84 NA. 19/7/2019 6:00 7:45 455-00 413145 109 09-121-44135 . NA Ottesen LE 06-290-IN 9/29/2019 2:68 4/5/3/59 18-15 NA -4/35/2035 7:45 NA. 9:00 1/29/2019 5-00 NA 4/15/2019 119 05 125 44357 BUA. Circenso LE DE 2500 DUE 3/25/2019 111 05-129-44537 3100 5:00 NA NA 4/15/2019 7:45 580:45 Ottesen LE 06-311HC M22/2019 3/29/2019 134 05-123-44345 NA NA Ottesen LE 06-351HN 3/18/2019 10:00 1/29/2019 21:50 NA MA A/25/2029 8:00 7:45 570:00 295-65 136 05 123-44347 No. Ottown LE DE SETUN A/3/2019 0:00 4/5/2019 4-00 MA NA. 4/35/2039 19:00 4/15/2019 7:45 6:00 ¥72:45 122 05-123-48287 Ottesen LE 06-351HNX 8/30/2014 4/1/2019 12:00 NA 118 05-123-44310 Ottesen LE 06-370HC 3/27/2019 9:00 3/30/2019 10:00 444 N/A 2/5/2019 213-00 5:45 414:45 115 05 173 45346 NA. 246 Cittation | E Oc. 3700/04 3/21/2019 23-60 48/2019 5-500 MA NA 4/8/2019 NA. 3/24/2019 15:00 389 00 18:00 NA 121-05-121-48168 MA 646 Ottower 15 09-363HC 8/13/2019 10:00 3/21/2019 1/24/2015 12:00 506:00 NA. 108 05-123-44137 NA Ottesen LE 09-363HN 9/8/2019 10:08 3/13/2019 5-75 ME 2:45 NA 44 1/29/2019 6.00 704 00 137 05-129-44951 NA. Ottesen LE 09-365HC 2/27/2019 22:00 3/7/2019 113 05-123-44344 Ottesan LF 09-365HB 3/4/2019 3/8/2019 2:00 NA 3/31/2019 5 00 549.00 110 05 123 44336 No. Ottesen 16 (99-366) (N 1/12/2019 8 08 1/26/2019 S.OR NO. 14 3/20/2019 9.00 411.00 5:00 329:00 120 05 121-04160 NA. NA Ottesen LE 09-366HNX 1/17/3016 21.00 1/24/2019 11:00 NS NA. 3/91/2019 3/26/2019 15 00 595-00 112 05 121 44141 NA. Ottesen LE 09-368HC 1/1/2019 20:00 3/7/2019 21:30 NA 54 W12/2019 21:15 NA 1/25/2015 12:00 son bis 107 05-123-44330 Ottesen LE 09-36EHN NA NA 1/8/2019 8:00

11/36/2018

13/20/2018

14:00

101.06

Exceptions Under \$60.5275a(a)(3) - Technically infeasible to Reute to the Gas Flow Line or Collection System, its inject into a Well, Use as an Omite Fuel Source, or Use for Another

Duration of Recovery in Hears * //for frequency for Weels Complying with \$60.53750(2)   1560.5420s(5)(2)(0) and \$60.5420s(5)(2)(0) and \$60.5420s(5)(2)(0) (6)(1)(0)(6)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)	Disposition of Recovery * (560 54204(0)(2)(0) and 560 54204(0)(2)(0)(A)		Duration of Venting in Nours * (860 5420a(s)(2)(4) and 860.5420a(s)(2)(6)(A)-(80)	Reason for Venting in lies of Capture of Combination * (860.5420a(n)(2)(n) and 660.5420a(n)(3)(n)(A)-(8))	Well Location * (\$60.54204(x)(x)(x)) and \$60.54204(x)(x)(x))	Specific Exception Claimed * (\$60,5420x(b)(2)() and \$60,5420x(c)(1)(in)	Starting Date for the Period the Well Operated Under the Exception * (\$60.3420a(\$(2)0) and \$60.5420a(\$(3)0y))	Esiding Date for the Period the Well Operated Under the Exception * (960.5420a(c)(i)) and 160.5420a(c)(i)(ne)		Name of Nearest Gathering Use * 1960.5420s(cl)(2)(4) and 960.5420s(cl)(ii)(A)-(R)	Location of Rearest Gathering Line * (\$40.5420x(b)(2)(i) and \$60.5420x(c)(1)(iii)(Aq-(ii))	Technical Considerations Preventing Routing to this Jime * (\$60.5420a(b)(23(i) and 860.5420a(c)(1)(ii)(A)-(B))
48/3	e.g.; Used as onsite fuel	49.5	43	e.g. No emite starage or combustion unit was available at the time of completion.	e g: \$4.12345 latitude, -103.12345 largitude	e.g.; Technical Infeasibility under 60 5975a(a)(%)	+&: 10/18/2016	+2:10/18/2016	e.g.: As further described in this report, technical issues prevented the use of the gas for useful purposes.	e.g. ABC Une	eg.: 100 miles away at 34 1254 latitude, 101 12865 longitude	S e.g. right of use
166:00		0:00			(b) (9)	NA	NA	NA.	NA.	NA	NA	NA
368 00 079:45		0.00				NA NA	NA NA	NA NA	NA NA	NA NA	NA.	NA NA
062:00		0:06				NA	NA	NA	NA	NA	NA	NA
123:45	Seles	0:00	0:00	NA		NA	NA.	NA	NA.	NA	NA	NA
276:00		0:00				NA.	NA.	NA	NA	NA	NA	NA
179:30		0:00				NA .	NA.	NA	NA .	NA	NA	NA
771.00 223-55		9:00				NA NA	NA NA	NA.	NA.	NA NA	NA.	NA.
		***				_		_	This well completion was designed to have recovered gas captured and routed to the gas sales line, however a brief facility issue			
200.00									prevented sale or re-use of gas during this			NA - gas was routed to a
084.43		9:93				Technical infeasibility under 60.5875a(a)(5) NA	NA 8/8/201	9 8/8/201 NA	9 time. NA	sales line NA	sales line NA	gas sales line NA
158:00		0.06				NA .	NA .	NA.	NA.	NA.	NA.	NA.
095-00	Sales.	0:00	0.00	NA		NA	NA.	NA	NA.	NA	NA	TAA
157.00		0:00				NA	NA	NA.	NA.	NA	NA	NA
333.35		0.00				NA .	NA .	NA	NA.	NA.	NA	NA.
055:44 074:15		0.00				NA NA	NA NA	NA NA	NA.	NA NA	NA.	NA.
190.00		0.00				NA.	NA .	NA	NA.	NA.	NA.	NA.
164:45		0:00				NA.	NA.	NA	NA.	NA	NA	MA
282 00		0:00				NA:	MA.	NA	MA	NA .	NA	NA
277:30		0.00				NA NA	NA NA	NA	NA.	NA.	NA.	NA.
410.45		0.00				NA	NA.	NA NA	NA.	NA.	NA.	NA.
394.10		0.00				NA NA	NA.	NA	NA.	NA	NA.	NA
243.45		0:00				NA	NA.	NA	NA.	NA	NA	NA
263-45		0.06				NA	NA.	NA	MA.	NA	NA	NA
140:00		0.00				NA NA	NA NA	NA NA	NA.	NA.	NA.	NA.
117-00		0.06				NA NA	NA NA	NA NA	NA.	NA.	NA.	NA.
								8/18/2019	This well completion was designed to have recovered gai captured and routed to the gas sales line, however a brief facility issue prevented sale or re-use of gas during this			NA - gas was routed to a
321 00	Sales	68-45	0.00	8.6		Technical infeasibility under 60.5975a(a)(5)	3/13/2019: 3/14/2019		time.	sales liese	sales line	gas sales line
									This well completion was designed to have recovered gas captured and routed to the gas sales line, however a brief facility issue			
466 15	Sales	63:00	9-00	5.5		Technical infessibility under 60.5375a(a)(3)	5/7/201	3/39/201	prevented sale or newse of gas during this 9 cms. This well completion was designed to have necovered gas captured and routed to the gas sales line, however a binef facility issue.	NA - gas was routed to a gas sales line	NA - gas was routed to a gas sales line	NA - gas was routed to a gas safes line
								8/13/2019;	prevented sale or re-use of gas during this	NA - gas was routed to a gas	NA - gas was routed to a gas	NA - gas was routed to a
354.00		201-06				Technical infeculatity under (0.5175a(a)(3)		1/17/7019	time.	sales line	sales line	gas sales line
100:00		0.00				NA NA	NA NA	NA	NA.	NA.	NA.	NA
162 90	Same .	0.00	0.00			NA.	***	NA	This well completion was designed to have recovered gas captured and routed to the gas sales line, however a brief facility sase			NA.
414.30	Sales	61.00	0.00			Technical inhesibility under 40.5175 ctall III	3/7/201	9 5/13/201	prevented sale or re-use of gas during this	NA - gas was routed to a gas sales line	NA - gas was routed to a gas sales line	NA - gas was routed to a gas sales line
	LONG .					Technical inhabitating union 60:31754(a), N		3/13/2019,	This well completion was designed to have recovered gas captured and routed to the gas sales line, however a brief facility issue		Sec. Box	
128.45	(ch)	20.00				E-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	3/12/7019; 3/13/2019;		prevented sale or re-use of gas during this		***	NA - gas was routed to a
	Sales SA no oil/gar	70:00				Technical infrastbility under (0.5375e(a)(3)	M15/2019	3/17/2019	NA.	sales line NA	NA - gas was routed to a gas sale NA	lergas sales lime NA
		-	-	_		_	-			-		

Useful Purpose Served By a Purch	ased Fuel or Raw Material					Well Affected Facilities M	erting the Criteria of \$60.	5375a(a)(1)(ii)(A) - Not H	ydraulically Fractured/Re
Cagnisric Reinjaction, and Reuse Technologies Canadired 1 (660,5420e(b)23(i) and 910,5420e(c)31(ii)(A)-(0))	Aspects of Gas or Equipment Presenting Use of Recovered Gas as a Fuel Desite * [\$60.5420a(s)(1)H1(A)-(0)]	Yerholical Considerations: Presenting the of Recovered lian for Other Useful Propose <sup>4</sup> 1(66-5/20(6/2))) and 960-542(e)(1(10))(A)-(9)	Additional Resons for Technical infessibility * (800 5420s(t)(2)(0) and \$600 5420s(t)(3)(0)(A) (R)	Well Location* (960-5420a(s)(3)(40)(A) and (0)	Dain of Onser of Flowbook Following Hydraulic Fracturing or Infracturing * (860-94256-1923()) and 660-94256-((1.1(4)(A) and (C))	or flatracturing * (460 5420a(b)(2)(i) and	Date Well Shar in and Flowback Equipment Agricultural Sharing of Production 1 (\$50.54204(x)(3))) and \$60.54204(x)(3)(A) and \$63)	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (\$60.54204(s)(Z)(s) and \$60.54204(s)(X)(s)(A) and \$(C))	Outunion of Flowflack s Heurs * (560-5420a(b)(36)) en \$60-5420a(c)(5)(6)(A) is (C))
rg : to-sile generators	e g / gan quality	e é de draigi	nig well damage or clean-up	e.g.: 84.12345 latitude. -102.12345 langitude	44/18/36/36	eg 10 am.	*6: 10/16/16	eg 10 am	165
	NA.	NA.	NA	(b) (9)	MA.	NA	NA .	NA	NA.
	NA	NA	166		NA.	50		NA	NA.
	NA.	NA	NA		NA.	NA		NA	NA
	NA NA	NA.	NA NA		NA.	NA NA		NA NA	NA NA
	NA.	NA.	NA.		NA.	NA.		NA	NA.
	NA	na	NA		NA.	NA.		NA	144
	NA.	NA.	786		166	106		NA	NA
NA.	NA	NA	NA		NA.	1/4	NA	NA	NA.
design another solution such as emission or reuse at the messalate time of this brief	design another solution such as using the gas for fact at the immediate time of this brief	using the gas for other useful purposes at the immediate time.							
	interruption:	of this later interruption	NA.		NA.	NA NA		NA NA	NA NA
	NA	NA.	NA.		NA.	NA.		NA	NA.
	NA	NA NA	NA		NA.	NA:		NA	NA
	NA.	MA	NA .		NA.	NA		NA	166
	NA.	NA	NA		NO.	NA	NA	NA	NA.
	No.	NA	NA.		NA.	NA		NA.	Non.
	NA	ns.	No.		real.	NA.		NA	NA.
	NA	NA	NA .		NA.			TIA	NA
	NA.	NA .	NA		NA.	NA		NA	504
	NA NA	NA NA	NA NA		Nati.	NA NA		NA NA	NA.
	NA.	NA.	NA.		NA.			NA NA	NA.
	NA.	NA.	NA NA		NA.	NA.		NA.	NA.
	NA.	NA	NA .		NA.			NA	NA.
	mak	NA:	NA		NA.			NA	No.
M.	NA	NA.	NA.		No.	NA.	NA	NA	NA.
	NA.	NA	No.		NA	NA .		NA	NA
	No.	NA	NA		NA.			SAL	NA
MA.	NA.	NA.	NA.		NA	NA	NA.	NA	No.
bedge another solution such as expection or reuse at the recrediate time of this brief	It was not technically fearble to design another solution such as using the gas for flust at the immediate time of this trief interrupcion.	It was not technically feasible to design another solution such as using the gas for other useful purposes at the immediate time of this brief interrupcion.	M				NA.		MA.
Sesage another solution such as eleparation or reuse at the	design another solution such as using the gas for fuel at the	It was not technically feasible to design another solution such as using the gas for other useful							
	immediate time of this brief	purposes at the immediate time	MA.		24	94		THA	NA.
	Enterruption.  If was not technically featible to	of this brief interruption. It was not technically feasible to	-			-	NA.	780	-
lesign another solution such as expection or reuse at the	design another collution such as using the gas for fuel at the	design another solution such as using the gas for other world.							
	interestiate time of this tire? Interruption:	purposes at the immediate time of this brief interruption.	NA.		NA.	94	NA.	NA.	NA.
	NA NA	of this soled interruption.	NA		NA.			NA.	NA.
-	54	NA.	NA		NA.	NA.		NA.	NA.
lesign another solution such as einjection or reuse at the movedate time of this brief	design another solution such as using the gas for fuel at the immediate time of this brief	It was not technically feasible to design another solution such as using the gas for other useful purposes at the immediate time							
t was not technically leasible to lesign enother solution such as expection or reuse at the	interruption. It was not technically feasible to design another solution such as using the gas for fuel at the immediate time of this brief	of this brief interruption. It was not technically feasible to design another solution such as using the gas for other useful purposes at the immediate time			NA.	44.	NA.	NA.	NA.
	interruption.	of this brief interruption.	NA		NA:	NA.	NA .	NA.	NA.
VA.	76	NA	NA.		9.0		NA	FM.	NA

red with Liquids or Do	Not Generale Cond	ensate, intermediate Hydrocarbo	on Liquids, or Produced Wat	ter (No Liquid Collectio	n System or Seperator	Onsite)			Well Affected Facilities Required to Comply with Both (60.5375a(a)(1) and (3) Using a Digital Photo in lieu of Records Required by §60.5430a(c)(1)(i) through (iv)	Well Affected Facilities M	eeting the Criteria of §60.5375a(g) - <1 Oil Produced	too set of Gas per Stock Tank Barri
uration of Combustion in Mours * let 05430u(b)(2)(i) and (66.5420u(c)(2)(iii)(A) and (C))	Ourstine of Venting in Hours * (\$60.5420a(n)(2)(4) and (\$60.5420a(n)(1)(1)(4) (A) and (C)	Region for Visiting in lieu of Capture or Combustion * (960.5420u[c](T)(iii)(A) and (C) 960.5420u[c](T)(iii)(A) and (C)	Does well still meet the conditions of \$40.5975 a(1)(1)(447 * (\$60.5424a(1)(2)(1) and \$460.5424a(1)(3)(6)(2))	8 applicable Date Well Campletion Operation Steeped * [[960.54204()(3)(0)(C) and 960.54204()(3)(0)(C) (2.3)	((\$40.5420x(8)(Z)(1) and	If applicable: Oute Separator Installed * (1940 SAZOALO(XX)(ID)48 AND SAZOALO(XX)(ID)48 (2-1)	If applicable Time Separator installed *  ((\$66.54204(h)(2))   and   660.54204(h)(2)(b)   (C)(2)()	Are there liquids collection at the well size? Support the support of the support	Pinate provide the file name trust vanisans the Digital Photograph with Date Taken and Lastrade and Longstude enhanced on event Vusible SIT, Shearing Required (\$60.5420x8)(2)(8) and \$65.5420x(2)(10)) Pinase provide only one file per record.	Well Location* (560.5420x(h)(2)(h) and \$40.5420x(h)(1)(h)(k))	Please provide the filte name that centains the floored of Analysis ferformed to Claim Mell Meets 1605.5175/2[d], including COR Valent for Drabbithed Leases and Claid Cort Drabbithed Leases and Claid (500.5450a);(2)(0) and 840.5451bi (CRS)/4(A). Flease provide only one file per record.	Does the well meet the requirem of \$40.527/algs? Saced on Information and bell formed other reconnection (in discussment are true, percental, a complete, 1 ((\$40.5420a(\$4256)) and \$60.5420a(\$4256) and \$60.5420a(\$4256)(\$2
in i	égző (	e.g. No article sharage or combustion unit was available of the time of completion.	eg/fm	* e: 10/16/16	eg. 10 am.	*4130/36/38	#4:10 am	e.g.:%6	e.g.: completion1.pdf or XY/CompressorStation.pdf	e.g:: 34 12 MS lecturie; -103.12545 longitude	e.g.; GORcales pell or EY2Compresser/station.pdf	16:76
		NA	NA.	NA	NA	TOA	NA.	NA	NA .	(b) (9)	NA.	NA.
				NA	NA		NA.	NA.	NA.	(-) (-)	NA	NA
				NA	NA	MA	NA		NA .		NA.	NA
				NA	NA	PEA	NA		NA		NA.	NA
				NA NA	NA NA		NA NA		NA NA		NA NA	NA NA
				NA.	NA.		NA.		NA NA		NA.	NA.
				NA.	NA.		NA		NA NA		85	NA.
				NA	NA.		NA.		NA.		NA.	NA.
	NA.	NA.	NA.	NA	NA .	79A	NA	NA.	NA .		84	NA.
				NA	NA .		NA.		NA.		NA.	945
	NA.			NA	NA		NA		NA .		95	NO.
	NA	hos	NA.	NA	NA	TOA.	NA.		NA.		NA.	No.
				NA	NA		NA	NA	NA		NA.	NA.
				NA	NA	NA	NA		NA		NA	NA.
				NA	NA.		NA.		NA .		NA.	NA.
				NA	NA		NA		NA.		NA.	NA
				NA NA	NA NA		NA.		NA.		NA.	NA
				NA NA	NA NA		NA.		NA NA		NA.	NA NA
				NA NA	NA.	PMA .	NA.		NA NA		86	96
	NA	NA.		NA.	NA.		NA.		NA.		90	NA.
				NA.	NA	NA.	NA.		NA.		NA.	NA.
			NA.	NA	NA		NA.	NA.	NA.		NA.	NA
				NA	NA		NA		NA NA		NA.	NA
				NA	NA		NA.	NA.	NA		MA	NA.
				NA .	NA .		N/A		NA.			NA
				NA NA	NA NA		NA.		NA.		MA MA	NA.
		-										AA.
	NA	NA	NA.	NA	NA	NA	No.	NA.	NA.		NA.	NA.
i.	NA	NA .	NA.	NA	NA	NA	NA.	NA	NA .		NA.	NA
			NA.	NA.	NA	NA	NA.		NA.		MA	NA.
				NA			NA.		NA			NA
	NA	NA	NA.	NA	NA.	MA	NA.	NA.	NA NA		44.	NA.
	NA.	NA.	NA.	NA	NA	HA	No.	NA.	**		MA	NA.
			NA.	NA	NA .		NA		NA.		NA.	NA.
	NA.	NA	NA	NA	NA	164	NA	NA	NA.		NA.	NA.

		also that the surresponding field is required.	\$60.5432a Low Pressure Wells	All Well Completions							Well Affected Facilities Re-	quired to Comply with 50	0.5375a(a) and 960.5375a)	in
lity fecord	United States Well	Records of deviations where well completion operations with hydrodic tracturing were	Please provide the file name that contains the flecord of Determination and Supporting Inputs	Well completion to *	Well location *	Date of Onset of Flowback Following Hydroxic Fracturing or	Time of Onset of Flowback Following Invitable Fracturing or	Date of Each Attempt to Direct Flowback to a	Time of Each Attempt to Direct Flowbook to a	Date of Each Decemence of Returning to the initial	Time of Each Occurrence of Returning to the Iroland	Date Well Shot to and Floreback Equipment Permanently	Time Well Shut in and. Flowback Equipment Fernancesty	Duration of Flowler in Hours *
stact from planer for - and to cool or ]	(660-5420+(h)(1)(ii))	not performed in compliance with the impulsements specified in § 60.3575a.* (\$40.5420a(b)(2)(i) and \$40.5420a(c)(1)(ii)	and Calculations * (560-5420a(b)(2)(iii) and (60.5420a(c)(1)(ivi)) Please provide only one file use record.	(860-5420wich(\$261) 860-5420wich(\$261)	(190.5420w(HEX)(H) and 600.5420w(HEX)(H(A) (HI)	Refructioning * (860 5420a(b)(2)(i) and	Refractions * (960 5420w(b)(236) and 960 5420w(b)(236) RA- (91)	Separator * (960.5420e(b)(2)(i) and \$60.5420e(b)(2)(ii)(ii)(ii)(ii)(ii)(ii)(ii)(ii)(ii)	Separator * (860.5420e(b)(2)(r) and 960.5420a(q(3)(l)(A) (81)	Flowtech Stage * (960-54-20x(8)(2)(4) and (960-54-20x(6)(2)(4)(A)-(B))	Flowback Stage * (960.5420a)ck(Link(AA+68))	Disconnected or the Startup of Production * (960.54209(b)(20x) and 860.54209(b)(b)(s)(A)- (A))	Discernisted or the Startup of Freduction * (\$60.5420a(n)(2)06 and \$60.5420a(n)(1)(n)(A) (BI)	(610.5420406129) and 661.54204CX331011 (81)
					(b) (9)									
158	05-123-47957	NA	TAA	hari 12 14-0121N		11/11/2018	1100	11/14/2016	8.00	NA:	NA.	11/39/2018	12:10	145
		NA	NA	Rael KE 34-082HC		11/1/2018	17:00	11/10/2018			NA	11/14/2018	12.35	
		NA NA	NA NA	Rael KE 34-0821-N Rael KE 34-1191-N		11/4/2018	6:00	11/10/2018			NA NA	11/17/2018	12:30	
	05-123-47958 05-123-47959	NA NA	NA NA	had KE 34-119 NK		11/7/2018	12:00	11/11/2018	20:00		NA.	11/20/2018	8:00	
		NA.	NA	Net 68 34-139/N		11/10/2018	15:00	11/17/2018		NA:	14	11/89/2018	11142	
		NA.	NA	Naindance PC 23-3699C		4/29/2019	5,00	5/1/2019			non.	3/37/2019	9:00	
	05-123-15089 05-123-37084	NA.	NA NA	Raindance FC 23-36/84N Raindance FC 36-032/4C		4/24/2019 5/3/2019	23:00	5/3/2019 5/7/2019	1:30		NA NA	5/1/2019	9:00	
		NA.	NA.	Kamdance FC 26-0324K. Kundance FC 26-3699C		5/6/2019	9:00	5/9/2019			NA.	1/17/2019	9:00	
		NA.	NA.	Raindance FD 20-242HN		5/12/2019	0:00	5/19/2019			NA	6/9/2029	6:40	
154	05-123-48981	NA.	NA	Raindance FD 20-282HC		5/14/2019	5,08	5/26/2019	31.00		NA 4/9/2019 @ 9:00; 10:30; 21:00 6/10/2019 @ 12:00	6/30/2039	12.45	
										6/9/2019; 6/10/2019)	PL2T/5078 N TR 00			
		NA.	NA.	Raindance FD 39-313HM		6/2/2019	1500	6/7/2019			6/20/2019 @ 21:00	6/24/2019	6.00	
		NA.	NA.	Raindance FD 20-1199400 Raindance FD 30-1629400		5/16/2019	19:00	5/29/2019			NA NA	6/30/2019	7:16	
		NA NA	NA	Sack RE 25-342HC		N/11/2018	23:00	9/15/2016			NA.	9/19/2018	11.00	
-		-	-	ages in Februaria		4141111		414111	-		\$/14/2018 @ 19:30;	410.110		
165	05-123-45997	PLA.	NA.	Suck RY 23-279HN		5/5/2018	5.00	9/9/2018	10:00		9/11/2018 @ 3/00	5/18/2018	19.00	
											N/14/2018@19:29	204000		
		NA NA	NA NA	Sack RE 23-282HN Sack RF 23-319HC		5/2/2018 9/14/2018	22:00				9/15/2018 @ 1:00 & 20:55 NA	9/38/2018	6.00	
		NA .	NA.	Sack RE 23-322HN		9/8/2018	22:00		3:05		NA	9/19/2018	31.00	
	05-001-09866	NA.	NA	Schaefer (JD 13-03199)		4/19/2019	7:00	4/24/2019	16:00	NA.	NA	4/25/2019	7:30	
	05-001-30254	NA .	NA.	Schuefer LD 13-032HC		4/11/2019	7:00				NA	A/18/2019	18/32	
	05-001-10255	NA.	NA NA	Schuefer LD 13-032HN Schuefer LD 13-033HN		4/15/2019	1:00				NA NA	4/25/2019	7.10	
		NA.	NA.	Seitzer (D 21-031HC		1/17/2019	15:00				NA	2/6/2019	6.00	
	05-001-09967	NA .	NA:	Seltzer (O Z1-032HN		1/24/2019	23:00	2/5/2019	6/12		NA.	2/14/2019	6:00	
	05-001-09966	NA.	NA .	Seitzer LD 21-032HNX		2/1/2019	15:00	2/9/2019			NA	2/13/2019	5:50	
	05-001-09965	NA NA	NA NA	Seltzer LD 21-033HC Seltzer LD 21-033HN		2/8/2019 2/17/2019	22:00	2/14/2019			NA NA	2/21/2019	6:00 8:00	
	05-001-09963	NA	NA.	Settrer LD 21-054HN		1/25/2019	16:00	2/4/2019			ha	2/14/2019	6.00	
	05-001-09962	NA .	NA	Seltzer (/) 21-03-01-0X		2/2/2019	14:00		20:00		NA	3/13/2019	11.00	
		164	NA	Seftzer (D 21-836HC		2/10/2019	15:00		9:35		NA	2/21/2019	6.00	
	05-001-20132	NA.	NA NA	Sharp 2635-2-15HC Stillroven Farm 10		10/5/2018	12:00	10/11/2018	13,00		NA NA	10/15/2018	6:00 9:00	
***	09 123 43401	-	160	Stranger of the Stranger of th		11/14/2014	32.00	167-97-00	13,000		12/10/2018 @ 17:00/	tar que to	7.00	
										12/10/2018;	12/11/2018 @ 4.03, 14:05,			
	05-323-45410 05-123-45404	NA NA	NA NA	Stiffoven Farm 3 Stiffoven Farm 4		11/25/2018	21:00	12/10/2018			17,44 NA	12/11/2016	19:15	
	05-123-45409	NA NA	NA NA	Stillroven Form 5		11/20/2018	5:00	12/3/2018			NA NA	12/7/2018	10:10	
	05-123-45407	NA	NA	Stillroven Farm 6		12/4/2018	11:00				NA	12/12/2018	7:30	
		NA	NA	Stiffroven Farm 7		11/23/2018	5.00	12/8/2018			NA.	13/7/3018	10.30	
	05-123-4540E 05-123-45402	NA.	NA NA	Stillroven Farm 8. Stillroven Farm 9		12/1/2018	13:00	12/5/2018			NA NA	12/31/2018 12/12/2018	7 30	
	05-121-45402 05-121-45408	NA NA	NA NA	Wilson IC 03-019HN		7/3/2019	18:00				100		16:00	
	05-123-45427	NA.	NA.	Wilson IC 03-01989N		6/30/2019	5:00	7/1/2019	18:00	NA.	NA-	7/29/3019	4:00	
	05-123-45432	NA	NA	Wilson IC 03-022HC		8/20/2018	5:00	9/25/2018			NA.	9/26/2018	4:00	
	05-123-45438	NA.	NA NA	Wilson IC 03-023HN Wilson IC 03-059HNN		8/25/2018 8/24/2018	10:00				NA NA	9/26/2018	11.11	
	05-123-45436	NA	NA NA	Wilson IC 03-05/9HNX Wilson IC 03-06/2HN		8/24/2018	15:00				NA.	10/2/2018	6.30	
	05-123-45441	NA	NA:	Wilson IC 03-099HC		8/23/2018	23.00			NE	NA.	10/1/3018	4.00	
264	05-123-45454	NA	NA	Wilson IC 03-099HN		8/13/2018	10:00	3/24/2018	1/00		NA.	10/3/2018	8.45	1
	05-173-45434	NA	NA	Wilson IC 03-107HN		8/31/2018	12:00				NA NA	10/2/2018	6:30	
	05-123-45435 05-123-45428	NA NA	NA NA	Wilson IC 03-139HNX Wilson IC 03-142HC		8/28/2018 7/25/2019	11:00 20:00	9/27/2018			NA NA	19/1/2018	6-00 8-00	
	05-123-45430	NA.	NA.	Wilson IC 03-142HN		7/29/2019	6.00	8/2/2019			NA.	8/32/3019	6.00	
243	05-121-45452	NA -	NA	Wilson IC 03-182HC		7/39/2019	10:00	7/27/2019	3:30	NA	NA:	1/12/2019	14:00	-
	05-123-45448	NA.	NA	Wilson (C 03-219HN		7/31/2019	3.00	8/4/2019			NA.	8/34/2019	14:00	
	05-129-45459	NA.	NA	WHERE IC 03-379HC		7/30/2019	21:00	8/10/2019	19:45	765	NA.	9/21/2019	12:90	
		NA	NA	Wifson IC 03-37960		7/27/2019	17:00	8/5/2019			1049		5.00	

Exceptions Mader 666 5375 date(8)	Tacked cally infines blue to Boosto to the A	has flow Line or Pollerting System. By Joinet in	ato a Well. Use as an Physike Food Source, or Use for Amother

			-				Exceptions Under Bild	1.5375a(a)(3) - Yechnic	ally infeasible to Route to the Gas Flow Line	or Collection System, Re-injec	into a Well, Use as an Onsite Fu	el Source, or Use for Anot
Nuration of Recovery in Hours * Not Required for Wells Complying with \$66.5375=(ft) \$60.532(de)(2)() and \$60.5420a(c)(1)(iii)(A)(	Chaposition of Recovery * (\$60.5420a(b)(2)() and \$60.5420a(s)(1)(ii)(A)-(B))	(24012-45/09(a)(SM)) wung	Duration of Venting in Nours * (500,5420a(9(2)8)) and 900,5420a(9(2)8)(A)-(B))	Reason for Venting in ties of Capture or Combustion * (\$60.5420x(b)(2)() and \$60.5420x(c)(12(iii)(A)-(e))	Well Location * (560.54204(s)(1)(h)) and 460.54204(s)(1)(h))	Sowoffic Exception Claimed * [560 54204(H2H)] web 940 34204(KEH)40	Starting Date for the Period the Well Operated Under the Exception * (960.5420a(k)(1)(w)) 460.5420a(k)(1)(w))	Ending Date for the Parked the Well Operated Under the (xeepton * (860 54206b(29)) and (80 5420b(r)(1)(n))	Why the Well Meets the Claimed Exception (640:5420e(h)(2)()) and 940:5420e(h)(1)(br)))	Name of Rearest Gathering 1349 * (860.5420s(bH206) and 980.5420s(cX18H6(A)-(B))	Location of Neurest Gathering Line * (960.54204(b12)8) and \$40.54204(d1)(8)(A) (8))	Techysical Consideration Preventing Resulting to 11 Line * (360.54204(h)(2)(d) and 560.54204(h)(1)(iii)(A)-(i
									recovered gas captured and routed to the gas sales line, however during this brief			
									period there was an insufficient gas volume			
					(h) (0)					NA - gas was routed to a gas		NA - gas was resided to
061.30		38:00			(D)(B)	Technical infeasibility under 60.5375a(a)(3)		11/17/201	E during this time.	sales Sinal	NA - gas was routed to a gas sale NA	
997:10 168:55		0:00				NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
224:00		0:00				NA.	NA NA	NA	NA.	NA NA	NA NA	NA NA
108.00		0.00				NA.	NA.	NA.	NA .	NA.	NA .	NA
097:52		0:00				NA.	NA .	NA	NA .	NA.	NA .	NA.
344.00		0:00				NA	160	190	MA.	MA.	50	NA.
343:30		0.00				NA	NA	No.	NA	MA	8.6	NA
272-80		0.00				NA	NA	NA.	NA.	NA .	NA .	NA.
182-00 499-40		0.00				NA NA	NA.	NA.	NA NA	NA NA	NA NA	NA NA
499:40		0:00				NA NA	NA NA	NA.	NA NA	NA.	NA NA	NA NA
-	NAME .							-				
387.40	Sales	0.00	0:00			NA.	NA.	M.	M	MA.	M	NA.
317:15		0.00				NA	NA .	166	NA .	NA	80	16.0
258-15	Safen	0.00				NA	NA	NA.	NA:	NA.	NA.	NA.
304-90		0.00				NA	NA	NA	NA.	NA.	NA.	NA
296 59		0.00				NA.	NA.	NA	NA	NA.	NA .	NA
229-95		0:00				NA	NA	NA	NA .	NA.	NA .	NA
850-55		0:00				NA.	NA .	NA	NA.	NA.	NA .	NA
053-55		0:00				NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
015:30 052:17		0.00				NA NA	NA NA	NA.	NA NA	86	NA NA	NA.
048.30		0.00				NA.	NA.	NA.	NA.	NA.	NA.	NA.
193.56		0.00				NA.	NA	NA	NA	NA.	NA.	NA.
231-90	Sales.	0.00		NA .		REA	NA .	NA	NA.	NA.	NA .	NA.
215 48		0:00				NA	NA .	NA	NA:	NA.	NA .	NA
107:50		0.00				NA	NA	NA	NA.	NA	M	NA
107:00		0.00				NA NA	NA NA	NA.	NA NA	NA.	NA NA	NA.
834 90 227-90		0.00				NA NA	NA NA	NA NA	NA.	NA.	NA.	NA.
963.00		0.00				NA	NA.	No.	NA.	NA.	NA	NA
116:25		0:90				NA	NA	NA	NA .	NA NA	NA.	NA
089-90		0.00				NA.	NA	NA.	NA.	NA.	NA .	NA.
668.00	tales	0.00	0.00	MA		NA.	NA.	NA	M	MA.	MA.	NA.
021:08 063:51		0.00				NA.	NA NA	NA NA		NA.	64 64	NA NA
089-20		0.00				NA.	NA NA	NA NA	NA NA	NA.	AA.	NA.
185.01		0.00				NA.	NA NA	NA NA	NA.	96	NA.	NA.
085:30		0.00				NA.	NA.	NA.	NA.	NA.	NA.	NA
149-25	Sales	0.00	0.00	NA		NA.	NA	NA	NA	NA.	NA.	NA
104:45		0:00				NA	NA .	NA	NA	NA .	NA:	N/A
571:40		0.00				NA.	NA.	N/A	NA	1941	NA.	NA
617:00		0.00				No.	NA	NA	NA.	NA.	NA	NA
022:50 854:11		0-00 0-00				NA NA	NA NA	NA NA	NA NA	NA.	NA NA	NA.
044:30		0.00				NA.	NA.	NA NA	NA NA	NA.	NA NA	NA.
126.30		0.00				NA.	NA.	NA.	NA.	NA.	NA.	NA.
094:55		0.00				No.	NA.	NA.	NA.	NA.	NA.	NA.
967.45		5.00				NA.	NA.	NA	NA.	NA.	NA.	NA.
114:50	Sales	0.00				NA.	NA.	NA.	NA.	NA.	NA .	NA.
086:40	Sales	0:00	0:00	NA.		NA.	NA	54	NA	NA	NA .	NA
072:00	Sales	0:00				NA.	NA	NA	NA.	MA	NA .	NA
292:00		0:00				NA.	NA	NA.	NA.	NA.	NA .	NA
386.30		0.00				No.	MA.	NA.	NA .	NA.	NA.	NA.
242.45 256.15		0:00				NA.	NA.	NA	NA .	NA .	NA	NA.
256:15 204:45		0-00				NA.	NA.	NA NA	NA NA	NA NA	NA NA	NA NA
247.05		0.00				NA.	NA.	NA NA	NA.	NA.	AA	NA.
447.05		0.00	2:00			TTT I	president and the second		THE STATE OF THE S	-	-	-

	hased Fuel or Raw Material					Well Affected Facilities M	eeting the Criteria of \$60.1	5375+(a)(1)(iii)(A) - Not M	lydraulically Fractured/Re
Capture, Reinjection, and Reuse Yechnologies Considered * (6/0 5420a1)(220) and 6/0 5420a(2(1))(4)(A)-(B))	Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite * [560:5420w(1)(2)(and \$60:5420w(c)(1)(4)(A)-(8))	Technical Considerations Presenting Use of Receivered Gas- for Other Useful Purpose * (860.4528b)(22(0) and 160.5470b(r)(1)(ii)(A)-(R))	Additional Reasons for Tochnical Infeasibility * (660.5420a(b)(2)0) and 660.5420a(c)(3)(iii)(AJ-(8))	Well Location* (560.5420x(b)/2)(iii)(A) and (C)	Date of Gneet of Flowback Following Hydraus (in-recturing or Refracturing * (\$60.5420a(b)(2)(i) and 860.5420a(c)(1)(i)(i) and (C))	Time of Onset of Flowback Following Prightaulic Fisheruning or Reflacturing " (\$40.5420x(b)(2(f)) and \$60.5420x(c)(1(H)(A)) and F(2)	Date Well Shut in and flowback (guipment Permanently Disconnected or the Startup of Production * (\$56.5-\$20a(r)(1)(iii)(A) and (C))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production *(\$90.5420(2)(2)) and \$60.5420a(c)(1)(n)(A) and \$(1)	Dutation of Flowback i House: (840-5420a/b)(2)(4) an (60-5420a(c)(1)(4)(5)) ar (C3)
t was not technically feasible to	It was not technically feasible to	It was not technically feasible to							
tesign another solution such as	design another solution such as	design another solution such as							
einjection or reuse at the	using the gas for fuel at the	using the gas for other useful		(b) (9)					
mmediate time of this brief	enmediate time of this brief interruption.	purposes at the immediate time of this brief interruption.	44	(1) (0)	166	NA	NA .	NA	
iA	NA NA		4A		164				NA NA
i.a	NA.		44		NA.				NA
iA.	NA		M.		164	NA	NA .		NA
SA.	NA		AA.		TEA		NA	NA	NA
LA.	NA		MA.		NA				NA
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A .									

ured with Liquids or Do	Not Generate Cond	densate, Intermediate Hydrocarb	on Liquids, or Produced Wat	ter (No Liquid Collectio	in System or Seperator	Onsite)			Well Affected Facilities Required to Comply with Both \$60.5375a(a)(1) and (3) Using a Digital Photo in lieu of Records Required by \$60.5420a(c)(1)(i) through (iv)	Well Affected Facilities Me	eeting the Criteria of §60.5375a(g) - < Oil Produced	100 scf of Gas per Stock Tank Barrel
Duration of Combustion in Hours * (540.5420a(b)(2)(0) and 560.5420a(c)(1)(0)(A) and (C))	Ouration of Venting in Hours * (\$60.5420u(b)(2)(i) and \$60.5420u(c)(1)(ii) (A) and (C))	Reason for Venting in Issu of Captions or Combustion * (\$60.54.20s(c)(\$1)6-in(A) and (C))	Does well still meet the conditions of 560 5375x(1)(iii)(A)? * (860.5420x(c)(2)(i) and 560.5420x(c)(1)(iii)(C)(2))	and	If applicable: Time Well Completion Operation Stopped * ((\$60.5420x(b)(2)()) and \$60.5420x(c)((1)(iv)(c) (2.3)	if applicable: Date Separator Installed * (1660-54206(0)(2)(1) and 160-54200(0(1)(iii)(C) (2 ))	If applicable: Time Separator Installed * ([660.5420a(b)(2)( ) and (60.5420a(c)(3)(iii (c)(7))	Are there liquids collection at the well size? Well size? If the well size is the size of	Please provide the file name that contains the Digital Protograph with Date Taken and Listitude and Longitude Industrial Control of Control of Control of Control of Control of Control (Control of Control of	Well Location* (\$60.5420w(s)(2)() and \$60.5420w(c)(1)(vs)(t))	Please provide the file name that contains the Record of Analysis Performed to Claim Woll May 164-164 (S.3275.4gg), including GOI Values for Established Leases and Data from William the Same Basin and Field * (§60.54204(s)(2))) and §60.54204(s)(2))(A)] Please provide only one file perrecord.	Does the well meet the requirement of \$60.33754[c]? Based on information and belief formed after resonable leaguin, it statements and information in the document are thrus, eccurate, and complete. *  (\$60.5420a[c](3)(% vi)(3))  400.5420a[c](1(% vi)(3))
										(b) (9)		
		NA.	NA.	NA NA		NA NA	NA NA		NA.		NA.	NA.
iA iA	NA NA	NA NA	NA.	NA.	NA NA	NA NA	NA NA		NA NA		NA NA	NA NA
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## 40 CFR PART 60 – OOOOA ANNUAL REPORT

### **CENTRIFUGAL COMPRESSOR**



40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report For each centrifugal compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(3)(i) through (iv) of this section in all annual reports:

The asterisk (*)	sext to each field indi	cates that the corresponding field	I is required.					
						Centrifugal Compressors Required to Comply	with §60.5380a(a)(2) - Cover and Closed Vent Syste	m Requirements
Facility Record No. * (Select from dropdown list- may need to scroll up.)	Compressor ID * (§60.5420a(b)(1)(ii))	For centrifugal compressors using a wet seal system, was the compressor constructed, modified or reconstructed during the reporting period? * [\$60.5420a(b)(3)(i))	Deviations where the centrifugal compressor was not operated in compliance with requirements * (§60.5420a(b)(3)(ii) and §60.5420a(c)(2))	Record of Each Closed Vent System (nspection * (\$60.5420a(b)(3)(ii) and \$60.5420a(c)(6))	Record of Each Cover Inspection * (960.5420a(b)(3)(iii) and §60.5420a(c)(7))	If you are subject to the bypass requirements of \$60.5436a(a)(4) and you monitor the bypass with a flow indicator, a record of each time the alarm is sounded. * (\$60.5420a(b)(3)(ii) and \$60.5420a(c)(8))	If you are subject to the bypass requirements of §60.5416a(a)(4) and you use a secured valve, a record of each monthly inspection." (§60.5420a(b)(3)(iii) and §60.5420a(c)(8))	
	e.g. Comp-12b	e.g.: modified	e.g.: On October 12, 2016, the prior flame was not functioning on the combustion unit controlling the compressor.	e.g.: Annual inspection conducted on 12/16/16. No defects observed. No detectable emissions observed.		e.g.: On 4/5/17, the bypass alarm sounded for 2 mintues.	was maintained in the non-diverting position. Vent stream was not diverted through the bypass.	e.g. The key was not checked out during the annual reporting period.

	Centrifugal Compressors	with Carbon Adsorption		Centrifugal Con	npressors Subject to Control Device Requirements	of §60.5412a(a)-(c)		
Record of No Detectable Emissions Monitoring Conducted According to \$60.5416a(b) * (\$60.5420a(b)(3)(iii) and \$60.5420a(c)(9))	Records of the Schedule for Carbon Replacement * (determined by design analysis) (§60.5420a(b)(3)(iii) and §60.5420a(c)(10))	Records of Each Carbon Replacement * (\$60.5420a(b)(3)(iii) and \$60.5420a(c)(10))	Minimum/Maximum Operating Parameter Value * (560.5420a(b)(3)(iii) and 560.5420a(c)(21))	Please provide the file name that contains the Continuous Parameter Monitoring System Data (\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11)) Please provide the file name that contains.	Please provide the file name that contains the Calculated Averages of Continuous Parameter Monitoring System Data * (\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11)) Please provide the file name that contains.	Please provide the file name that contains the Results of All Compliance Calculations * {\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11)} Please provide the file name that contains.		Make of Purchased De (§60.5420a(b)(3)(iv) : §60.5420a(c)(2)(i)
g.: Annual inspection conducted on 2/16/16. The highest reading using the FID ras 300 ppmv.	e.g.: Carbon must be replaced every 2 years.	e.g.; Carbon was not replaced during the annual reporting period.	e.g.: Minimum temperature differential across catalytic oxidizer bed of 20°F.	e.g.: CPMS_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.; CPMSAvg_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.: ComplRslts_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.: InspectRsits_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.: Incinerator Guy
ONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

						Cantrifugal Compressors Using a V	Wet Seal System Constructed, Mod	dified, or Reconstructed During Reporting Perio	d with Control Davice
Model of Furchased Device * (560.5420a(b)(3)(iv) and 560.5420a(c)(2)(i)	Serial Number of Purchased Device * (\$60.5420s(b)(3)(iv) and \$60.5420s(c)(2)(i))	Date of Purchase (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(ii))	Please provide the file name that contains the Copy of Purchase Order (\$60.5420a(c)(2)(iii)) and \$60.5420a(c)(2)(iii)). Please provide the file name that contains.	Compressor (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) *	Longitude of Centrifugal Compressor (Decimal Degrees to S Decimals Using the North American Option of 1983) * (§60.5420x(b)(3)(v) and §60.5420x(c)((2)(v))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North	Longitude of Control Device	please provide the file name that contains the Digital Photograph of Device either with Imbedded Latituded and Longitude or Visible GPS	Inlet Gas Flow Rate
e.g.: 400 Combustor	e.g.: 123830392	eg:12/10/16	e.g.: purchase_order.pdf or XYZCompressorStation.pdf	eg: 34.12345	eg:-101.12345	e4:34.12340		e.g.: 400_combustor.pdf or XY2CompressorStation.pdf	e.g.: 3000 seft
ONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

sted Under §60.5413a(d)				
the Records of Pilot Flame Present at All Times of Operation * (560.5420a(h)(3)(iv)	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period ** (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(vi)(ii)) Please provide the file name that contains.	contains the Records of Maintenance and Repair Log * (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(v)(IC))	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (\$60.54204(x)(3)(w) and \$60.54204(x)(2)(w)(0)) Please provide the file name that contains.	Please provide the file name that contains the facords of Manufacturer's Written Operating instructions, Procedures and Maintenance Schedu (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(iv)(E)) Please provide the file name that contains.
e.g.: pilotflame.pdf or XYZCompressorStation.pdf		e.g.: maintainlog.pdf or XYZCompressorStation.pdf	e.g.: emistest.pdf or XYZCompressorStation.pdf	e.g.: manufinaruct.pdf or XYZCompressorStation.p
NONE	NONE	NONE	NONE	NONE

# 40 CFR PART 60 – OOOOA ANNUAL REPORT RECIPROCATING COMPRESSOR



40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report For each reciprocating compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(4)(i) and (ii) of this section in all annual reports:

Facility Record No. * (Select from dropdown list - may need to scroll up)	Compressor ID * (§60.5420a(b)(1)(ii))	Are emissions from the rod packing unit being routed to a process through a closed vent system under negative pressure? * (§60.5420a(b)(4)(i))	If emissions are not routed to a process through a closed vent system under negative pressure, what are the cumulative number of hours or months or operation since initial startup or the previous rod packing replacement (whichever is later)? *  (§60.5420a(b)(4)(i))	Units of Time	Deviations where the reciprocating compressor was not operated in compliance with requirements* (§60.5420(b)(4)(ii) and §60.5420a(c)(3)(iii))
	e.g.: Comp-12b	e.g.: no	e.g.: Z	e.g.: months	e.g.: Rod packing replacement exceeded 36 months. Replacement occurred after 37 months.
6	1 Waukesha	No		0 Hours	NA

# **40 CFR PART 60 – OOOOA ANNUAL REPORT**CONTROLLERS



40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report For each pneumatic controller affected facility, an owner or operator must include the information specified in paragraphs (b)(5)(i) through (iii) of this section in all annual reports:

The asterisk (*) ne	ext to each field indicates that the	corresponding field is required	f.		Marie Control Control		
					Pneumatic Controllers with a Natur	al Gas Bleed Rate Greater than 6 scfh	
Facility Record No (Select from dropdown list- may need to scroll up)	Identification * (§60.5420a(b)(1)(ii), §60.5420a(b)(5)(i), and	Was the pneumatic controller constructed, modified or reconstructed during the reporting period:  (\$60.5420a(b)(5)(i))		Year of Installation, Reconstruction, or Modification* (§60.5420a(b)(5)(i) and §60.5390a(b)(2) or §60.5390a(c)(2))	Documentation that Use of a Pneumatic Controller with a Natural Gas Bleed Rate Greater than 6 Standard Cubic Feet per Hour is required * (560.5420a(b)(5)(ii))	(§60.5420a(b)(5)(ii))	Records of deviations where the pneumatic controller was not operated in compliance with requirements* (\$60.5420a(b)(5){iii} and \$60.5420a(c)(4)(v)
	e.g.: Controller 12A	e.g.: modified	e.g.: February	e.g.: 2017	e.g.: Controller has a bleed rate of 8 scfh.		e.g.: Controller was not tagged with month and year of installation.
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

## 40 CFR PART 60 – OOOOA ANNUAL REPORT STORAGE VESSELS



40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report For each storage vessel affected facility, an owner or operator must include the information specified in paragraphs (b)(6)(i) through (vii) of this section in all annual reports:

Facility Record No. * (Select from dropdown list- may need to scroll up )	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))		Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) *		If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to \$60,5365a(e).* (\$60.5420a(b)(6)(ii))	Records of deviations where the storage vestel was not operated in compliance with requirements * (\$60.5420a(c)(\$)(iii)) and \$60.5420a(c)(\$)(iii))	Have you met the requirements specified in \$60.5410a(h)(2) and (3)?* (\$60.5420a(b)(6)(kr))	The state of the s	If removed from service, the date removed from service.* (\$60.5420a(b)(6)(v))	Returned to service during the reporting period? * (\$60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (\$60.5420a(b)(6)(vi))	Make of Purchased Device * [§60.5420a(b)(6)(vii) at §60.5420a(c)(5)(vi)(A)
	e.g.: Tank 125	e.g.: modified	e.g.: 34.12345	e.g.: -101.12345	e.g.: VOC emission rate is 6.5 tpy. See file rate_determination.pdf for more information.	e.g.: On October 17, 2016, the pilot flame was not functioning on the combustion unit controlling the storage vessel.	e.g.: Yes	e.g.: Yes	e.g.: 11/15/16	e.g.: Yes	e g : 11/15/16	e.g.: Incinerator Guy
ONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

			Storage Vessels Construct	ed, Modified, Reconstructer	d or flaturned to Service D	uring Reporting Period ti	nat Comply with 960.5395a(a)(2) w	vith a Control Device Tested Under §	60.5413a(d)		
Model of Purchased Device " (960-5420a (b)(66(v8) and 800-5420a(c)(5)(v3(A))	Serial Number of Purchased Device * (\$60.5420u(b)(\$)(vi) and \$60.5420u(c)(\$)(vi)(A)	Date of Funchase * (960.5420a (990)(n/4)) and 660.5420a(c)(5)(v)(8))	Copy of Purchase Order * (\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(C))	Letitude of Control Device (Decimal Diagrees to 5 Decimals Using the North American Datum of 1983) ( (560.5420a(d)5)(vi) and 560.5420a(d)5)(vi)(0))	Congrude of Control Device (Decimal Degrees to 5 Decimals Using the North American Detum of 1983) * (840.5420a(c)(5)(vi) and 660.5420a(c)(5)(vi)(0))	Inlet Gos Flow Rate *	Please provide the file name that contains the Records of Plot. Flame Present at All Times of Operation * (560.5420a(b)(b)(b)(a) and 560.5420a(c)(5)(e)(f)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Forester Than 1 Minute During Any 15-Minute Period * (560.5420a(c)(5)(4)(17)2 ) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a)(5)(4)(9)(3) and \$60.5420a((5)(4)(9)(3)) if lease provide only one file per record.	Please provide the file came that contains the Records of Visible Emissions Text Following Roturn to Operation From Maintervance/Repair Activity*  (\$60.5420a(c)(5)(6)(vir) and \$60.5420a(c)(5)(6)(Vir) Please provide only one file per record.	Please provide the file name to contains the Records of Manufacturer's Written Opera Instructions, Procedures an Maintenance Schedule * (360.5420(b)(6)(m)) and 400.5420(b)(6)(m)(f)(f) Please provide only one file per r
g: 400 Combustor	e.g.: 123030392	#4: 12/10/16	e.g.: purchase_order.pdf or XY2CompressorStation.pdf	eg.: 34.12340	# g101 12340	e.g.: 3000 scfb	e.g. pilotflame pdf or XYZCompressorStation.pdf	e.g.: noemissions.pdf ar XYZCompressorStation.pdf	e.g.: maintainlog pdf or EYZCompressorStation.pdf	e.g.: emistest pdf or KYZCompressorStation.pdf	e g. manufirmuct.pdf or XY2CompressorStation.pdf
IONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

### 40 CFR PART 60 - OOOOA ANNUAL REPORT

#### **FUGITIVE EMISSIONS COMPONENTS**



40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a[b] Annual Report
For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each well site and the collection of fug

(Select from ropdown list - moy need to scroll up )	identification of Each Affected Facility * (960.5420a(b)(1))	Date of Survey * (\$60.5420a(b)(7)(i))	Survey (legin Time * (\$60.5420a(b)(7 (ii))	Survey End Time (460.5420a(b)(7)	Name of Surveyor * (560.5420a(b)(7) (iii))	Ambient Temperature Ouring Survey * (660.5420a(b)(?)	Sky Conditions During Survey * (960.54209(b)(7)(iv))	Maximum Wind Speed During Survey (\$60.5420a(b)(7)(av)	Manitoring Instrument Used * (\$60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (960.5420a(b)(7)(w))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (%60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in 560.5397a(h) * (\$60.5420a(b)(7)(viii))	Number of Each Component Type Not Regained as Required in § 60.5397a(h) * [§60.5420a(b)(7)(viii) ]	Monitor Compan Monitored *
	e.g.; Well Site ABC	eg: 8/13/17	# g.: 10:00 am	e.g.: 1:00 pm	e.g.: John Smith	e.g.: 90°f	e.g.: Sunny, no clouds	e.g.: 2 mph	e.g.: Company ABC optical gas imaging camera	e.g.: None	e.g.: Valve	14:3	e.g.: Valve	eg:1	e.g.: Valve
1	Anderson 19-1-10HC	11/12/2018	11:19:00 AM	N/A	MM	25	Partially Cloudy		GF320	No end time	N/A	0	N/A	0	N/A
1	Anderson 19-1-10HC	4/15/2019	9:25:00 AM	10:21:00 AM	AV	57	Partially Cloudy		GF320	N/A	N/A	0	N/A	0	N/A
5	8-Farm LD	9/11/2018	2:30:00 PM	N/A	MM	90	Partially Cloudy	. 1	GF 320	No picture; No end time	N/A	0	N/A	0	N/A
	8-Farm LD	2/18/2019	1:20:00 PM	2:04:00 PM	KS	1.8	Cloudy	1	GF320	N/A	Connector		N/A		N/A
	8-Farm LD	7/8/2019	10:57:00 AM		AV	78	Partially Cloudy		GF320	N/A	Connector		N/A		N/A
	8-Farm LD	7/8/2019	10:52:00 AM		AV		Partially Cloudy		GF320	N/A	Connector		N/A		N/A
	8-Farm LD	7/8/2019	10:52:00 AM	12:00:00 PM			Partially Cloudy		GF320	N/A	Flange		N/A		N/A
	Burr FD 23	1/11/2019	9:02:00 AM		AV		Precipitation		GF120	N/A	Connector		N/A		N/A
	Burr FD 23	1/11/2019	9:02:00 AM		AV		Precipitation		GF320	N/A	Valve		N/A		N/A
	Chandler Farms HD 20	8/10/2018	12:30:00 PM		MM		Partially Cloudy		GF 120	No picture	N/A		N/A		N/A
	Chandler Farms HD 20	1/3/2019	9:17:00 AM		AV		Clear		1 GF320	N/A	Third Hatch		N/A		N/A
	Oittmer KE 20	8/28/2018	11:30:00 AM		MM		Partially Cloudy		G#320	N/A	Thief Hatch		N/A		N/A
	Dittmer KE 20	8/28/2018	11:30:00 AM		MM		Partially Cloudy		GF320	N/A	Thief Hatch		N/A		N/A
	Dittmer KE 20	1/14/2019	1:34:00 PM		AV		Clear		GF320	N/A	Connector		N/A		N/A
	Dittmer KE 20	1/14/2019	1:34:00 PM		AV		Clear		GF920	N/A	Connector		N/A		N/A
	Dittmer KE 20 Dittmer KE 20	7/8/2019	4:08:00 PM		AV		Partially Cloudy		GF3120	N/A	Connector		N/A		N/A
	Dittmer KE 20	7/8/2019 2/8/2019	4:08:00 PM 4:08:00 PM		AV		Partially Cloudy		GF320 GF320	N/A N/A	Valve		N/A Notes		N/A N/A
	Dittmer KE 20	7/8/2019	4:08:00 PM		AV		Partially Cloudy Partially Cloudy		GF320	N/A	Valve		Valve N/A		N/A
	Kodak North	4/5/2019	12:33:00 PM		AV		Cloudy		GF320	N/A	Connector		N/A		N/A
	Kodak North	4/5/2019	12:33:00 PM		AV		Cloudy		GF320	N/A	Valve		N/A		N/A
	Kodak South FD	10/1/2018	2:05:24 PM		MM		Partially Cloudy		GF320	N/A	Pressure Relief Device		N/A		N/A
	Kodak South FD	10/1/2018	2:05:24 PM		MM		Partially Cloudy		GF320	N/A	Valve		N/A		N/A
	Kodak South FD	4/5/2019	1:33:00 PM		AV		Cloudy		GF320	N/A	Connector		N/A		N/A
	Marcus LD	9/18/2018	9:45:00 AM	N/A	MM		Partially Cloudy		GF320	No end time	Connector		N/A		N/A
	Marcus LD	9/18/2018	9:45:00 AM	N/A	MM		Partially Cloudy		GF320	No end time	Pneumatic Controller		N/A		N/A
	Marcus LD	7/18/2019	9:14:00 AM		KS		Cloudy		GF320	N/A	Connector		N/A		N/A
	Marcus LD	2/18/2019	9:14:00 AM		85		Cloudy		G/320	N/A	Pneumatic Controller		N/A		N/A
	Marcus LD	2/18/2019	9:14:00 AM		85		Cloudy		GF320	N/A	Valve		N/A		N/A
	Marcus LO	7/15/2019	8:06:00 AM		AV		Partially Cloudy		GF320	N/A	Connector		Connector		N/A
75	Marcus LO	7/15/2019	8:06:00 AM		AV		Partially Cloudy		GF320	N/A	Connector		N/A		N/A
75	Marcus LD	7/15/2019	8:06:00 AM	9:27:00 AM	AV	73	Partially Cloudy		GF320	N/A	Pneumatic Controller	1	N/A	0	N/A
75	Marcus LD	7/15/2019	8:06:00 AM	9:27:00 AM	AV	73	Partially Cloudy		GF320	N/A	Third Hatch	1	N/A	0	N/A
75	Marcus LD	7/15/2019	8:06:00 AM	9:27:00 AM	AV	73	Partially Cloudy		G#320	N/A	Valve	1	N/A	0	N/A
93	Ocho LD	10/9/2018	2:21:01 PM	5:03:00 PM	MM	40	Cloudy		GF320	N/A	Thief Hatch	1	N/A	0	N/A
93	Ocho LD	10/9/2018	2:21:01 PM		NAME	40	Cloudy		GF320	N/A	Valve	1	N/A	0	N/A
	Oche LD	2/18/2019	7:56:00 AM	8-58-00 AM	RS		Cloudy	1	GFR20	N/A	Value	1	N/A	0	N/A
	Ocho LD	7/8/2019	12:46:00 PM		AV		Partially Cloudy		GF320	N/A	Connector		N/A		N/A
	Ottesen LE	4/22/2019	7:15:00 AM		KS		Cloudy	7	GF320	N/A	Pneumatic Controller		N/A		N/A
	Postle IC 10	12/11/2018	19:23:00 AM		MM		Partially Cloudy		GF320	N/A	Thief Hatch		N/A		N/A
	Postle IC 10	5/6/2019	4:24:00 PM		KS		Partially Cloudy		GF320	N/A	Connector		N/A		N/A
	Postle IC 10	5/6/2019	4:24:00 PM		KS		Partially Cloudy		GF320	N/A	Pneumatic Controller		N/A		N/A
	Postle IC West	8/21/2018	12:30:00 PM		MM		Partially Cloudy		GF320	N/A	Connector		N/A		N/A
	Postle IC West	8/21/2018	12:30:00 PM		MM		Partially Cloudy		GF320	N/A	Pneumetic Controller		N/A		N/A
	Postle IC West	8/21/2018	12:30:00 PM		MM		Partially Cloudy		GF320	N/A	Thief Hatch		N/A		N/A
	Postle IC West	2/11/2019	8:55:00 AM		AV		Cloudy		GF320	N/A	N/A		N/A		N/A
	Rael 34-4-2HC	12/10/2018	9:37:00 AM		AV		Clear		G£350	N/A	N/A		N/A		N/A
	Rael 34-4-2HC	4/15/2019	1:07:00 PM		AV		Partially Cloudy		GF320	N/A	Pneumatic Controller		N/A		N/A
	Rael 34-4-2HC	4/15/2019	1:07:00 PM		AV		Partially Cloudy		GF320	N/A	Valve		N/A		N/A
142	Raindance FD	3/4/2019	1:24:00 PM	2:00:00 PM	AV	7	Clear		GF320	N/A	Connector	.3	N/A	0	N/A

								OGI	Compressor	Station Affected Facility Only
Number of Eac efficielt to Mon Component Tys Monitored * 60.5420a(b)(7)	Type of Unsafe-to- Monitor Component Monitored *	Number of Each Unsafe-to-Monitor Component Type Monitored * (960.5420a(ts)(7)(iv))	Date of Successful Regain of Fugitive Emissions Component * (960.5420a(b)(77)(c)	Placed on Delay of Repair *	Number of Each Component Type Placed on Delay of Repair * (\$60.5420a(b)(7)(a)	Explanation for Delay of Repair * (600:5420a(b)(7)(xi))	Type of Instrument Used to Reservey Repaired Components Not Repaired During Chiginal Survey * (560.5420a(hil/7)(xii))	Training and Experience of Surveyor * (960.5423a(b)(7)(vi))	Was a monitoring survey waived under 8 50.5397a(g)(5)?* [950.5420a(b)(7)]	If a monitoring survey was wave the calendar months that make the quarterly monitoring period for which the recording surve was waived. * (§60.5420a(b)(7))
6/1	ng.Valva	eg/I	eg:11/10/16	eg:Yave	eg:1	e.g.: Unials to repair until next (fluitition)	e g.: Company ABC optical gas imaging camers	s.g., Trained the mographer, completed 40-hour course at XYZ Training Center, itsy, years of experience with DGI surveys.	eg:Tex	e.g.: Sensory, February, and Man
	0 N/A		N/A	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	0 N/A		N/A	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	O N/A		N/A	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA.
	O N/A		2/18/2019	N/A		0 N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	D N/A		7/8/2019	N/A		0 N/A	N/A	OGI Certified, 6+ years of OGI experience, 4 years air quality compliance expertise	NA	NA .
	0 N/A		7/9/2019	N/A		0 N/A	N/A	OGI Certifled, 6+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	0 N/A		7/19/2019	N/A		0 N/A	N/A	OGI Certified, 4x years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	D N/A		1/16/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	D N/A		1/16/2019	N/A		6 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	0 N/A		N/A	N/A		0 N/A	N/A	OGI Certified, 51 years of OGI experience, 10 years air quality compliance expertise	NA	NA
	D N/A		1/3/2019	N/A		0 N/A	N/A	OGI Certified, 6+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	O N/A	0	8/28/2019	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	O N/A		8/30/2019	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	19A	FLA
	0 N/A		1/14/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	76A	REA.
	D N/A		1/15/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	TRA	NA
	0 N/A		7/19/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	TRA	TEA
	O N/A		7/8/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	0 N/A		8/26/2019	Valve		Shutdown required	GF320	OGI Certified, 6+ years of OGI experience, 4 years air quality compilance expertise	NA	NA:
	0 N/A		7/19/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	0 N/A		4/5/2019	N/A		D N/A	N/A	OGI Certified, 4+ years of OGI-experience, 4 years air quality compliance expertise	NA	NA
	0 N/A		4/5/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA:
	O N/A		10/1/2018	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	TEA	NA
	0 N/A		10/4/2018	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	0 N/A		4/5/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA.	NA .
	D N/A		9/19/2018	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	0 N/A		9/18/2018	N/A		0 N/A	N/A	DGI Certified, 5+ years of DGI experience, 10 years air quality compliance expertise	NA.	NA
	0 N/A		2/19/2019	N/A		0 N/A	N/A	OG Certified, < 1 year OG experience	NA	NA
	0 N/A		2/19/2019	N/A		0 N/A	N/A	OG/ Certified, < 1 year OG/ experience	NA	NA
	0 N/A		2/18/2019	N/A		D N/A	N/A	OGI Certified. < 1 year OGI experience	NA	NA:
	0 N/A		N/A	Connector		Shutdown required	N/A	OGI Certified, 44 years of OGI experience, 4 years air quality compliance expertise	NA	NA
	0 N/A		7/15/2019	N/A		D N/A	N/A	OGI Certified, 4: years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	0 N/A		7/15/2019	N/A		0 N/A	N/A	OGI Certified, 44 years of OGI experience, 4 years air quality compliance expertise	NA.	NA
	0 N/A		7/15/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	0 N/A		7/15/2019	N/A		0 N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	0 N/A		10/9/2018	N/A		0 N/A	N/A	OGI Certified. 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	0 N/A		30/9/2018	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	0 N/A		2/18/2019	N/A		0 N/A	N/A	OGI Certified, < 1 year OGI experience	NA.	NA:
	0 N/A	i	7/9/2019	N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	0 N/A		5/2/7019	N/A		N/A	N/A	OG Certified, < 1 year OG experience	NA.	NA.
	IF N/A	i		N/A		I N/A	N/A	OGI Certified, 5- years of OGI experience, 10 years sir quality compliance expertise	NA.	NA
	0 N/A		5/11/2019	N/A		1 N/A	N/A	OGI Certified, < 1 year OGI experience	NA.	NA
	0 N/A	-		N/A		N/A	N/A	OSI Certified, < 1 year OSI experience	NA.	NA.
	0 N/A		8/24/2018	N/A		N/A	N/A	OGI Cartified. So years of OGI experience, 10 years or quality compliance reporting	NA	NA.
	0 N/A			N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	0 N/A	- 7	8/21/2018	N/A		0 N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA.	NA
	0 N/A		N/A	N/A		D N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA.
	0 N/A		N/A	N/A		0 N/A	N/A	OG: Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	0 N/A		4/18/2019	N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA NA	NA
	O N/A			N/A		0 N/A	N/A	OGi Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA.	NA
	0 N/A		3/4/2019	N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA:
	- Marin		1/45 50173	may me		100	- Article	on colours as latter to the enforcement a heart in densely couderings expective	168	-

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each monitoring survey including the information specified in paragraphs (b)(7)(f) through (xii) of this section in all a

Facility Record No. * (Select from dropdown list - may areal in secol up.)	identification of Each Affected Facility * (\$60.5420a(b)(1))	Date of Survey * (\$60.5420a(b)(7)(i))	Survey Begin Time * (460.5420a(b)(7)	Survey End Time (§60 5420a(b)(7)	Name of Surveyor * (\$60.5420a(b)(7) (III))	Ambient Temperature During Survey * (§60.5420#(b)(7)	Sky Conditions During Survey * (560.5420a(b)(7)(v))	Maximum Wind Speed During Survey (960 5420a(b)(7)(w))	Monitoring Instrument Used * (960.5420a(b)(7)(v)	Deviations From Monitoring Plan (If none, state none.) * (960.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (\$60.5420a(h)(7)(vii))	Type of Component Not Repaired as Required in 960.5397a(h) * (\$60.5420a(b)(7)(viii))	in 9 60.5397a(h) *	Type of Orfficult-to- Monitor Component Monitored * (460.5420a(b)(7)(a))
142	Raindance FD	3/4/2019	1:24:00 PM	Z:00:00 PM	VA		Clear	5	5 GF320	N/A	Connector		N/A		N/A
142	Raindance FD	3/4/2019	1:24:00 PM	2:00:00 PM	AV		Clear		5 GF320	N/A	Valve		N/A		N/A
156 (	Nitchey 26	10/9/2018	10:26:23 AM	10:50:00 AM	MM		Cloudy		5 GF320	No picture	N/A		N/A		N/A
	Ritchey 26	2/18/2019	11:54:00 AM	12:17:00 PM			Cloudy		0 GF320	N/A	N/A		N/A		N/A
	Ritchey 26	7/15/2019	1:36:00 PM		AV		Partially Cloudy		4 GF320	N/A	N/A		N/A		N/A
	Riverdale 14-4-12HC	11/12/2018	10:24:00 AM	10:55:00 AM			Partially Cloudy		4 GF320	N/A	Pneumatic Controller		Pneumatic Controller		N/A
	Riverdale 14-4-12HC	4/15/2019	8:33:00 AM		AV		Partially Cloudy		5 GF320	N/A	N/A		N/A		N/A
	Sack KE	11/12/2018	9:44:28 AM		AV		Cloudy		4 GF320	N/A	Connector		N/A		N/A
	Sack KE	6/17/2019	10:10:00 AM		K5		Cloudy		5 GF320	N/A	Connector		N/A		N/A
	Sack KE	6/17/2019	10:30:00 AM		KS		Cloudy		5 GF320	N/A N/A	Connector		N/A N/A		N/A
	Schaefer LD	10/9/2018	8:40:57 AM		MM		Cloudy		4 GF320 4 GF320	N/A	Valve		N/A		N/A
	Schaefer LD Schaefer LD	3/18/2019	8:40:57 AM 8:05:00 AM		AV		Cloudy		5 GF320	N/A	N/A		N/A		N/A
	Schneider HD	8/21/2018	10:15:00 AM		MM		Partially Cloudy		7 GF320	N/A	Connector		N/A		N/A
	Schneider HD	8/21/2018	10:15:00 AM		MM		Partially Cloudy		7 GF320	N/A	Connector		N/A		N/A
	Schneider HD	B/21/2018	10:15:00 AM		MM		Partially Cloudy		7 GF320	N/A	PRV	1	N/A	0	N/A
	Schneider HD	8/21/2018	10:15:00 AM		MM		Partially Cloudy		7 GF320	N/A	Valve	1	N/A	0	N/A
	Schneider HD	1/3/2019	8:24:00 AM		AV		Clear		1 GF320	N/A	Connector	113	N/A	0	N/A
	Schneider HD	7/1/2019	12:02:00 PM		KS		Clear		8 GF320	N/A	Connector		N/A	0	N/A
174	Schneider HD	7/1/2019	12:02:00 PM	1:31:00 PM	KS	81	Clear		8 GF320	N/A	Connector	1	Connector	1	N/A
174	Schneider HD	7/1/2019	12:02:00 PM	1:31:00 PM	KS	81	Clear		B GF320	N/A	Pneumatic Controller	1	N/A		N/A
174	Schneider HD	7/1/2019	12:02:00 PM	1:31:00 PM	KS	81	Clear		8 GF320	N/A	Pressure Relief Device		N/A		N/A
190	Seltzer LD	2/25/2019	3:21:00 PM	4:54:00 PM	KS	41	Clear		5 GF320	N/A	Connector		N/A		N/A
190	Seltzer LD	2/25/2019	3:21:00 PM	4:54:00 PM	KS	-41	Clear	13	5 GF320	N/A	Connector		N/A		N/A
190	Seltzer LD	2/25/2019	3:21:00 PM	4:54:00 PM	KS		Clear		5 GF320	N/A	Pneumatic Controller		N/A		N/A
190	Seltzer LD	2/25/2019	3:21:00 PM	4:54:00 PM	KS		Clear		5 GF320	N/A	Valve		N/A		N/A
	Seltzer LD	7/15/2019	9:33:00 AM	10:30:00 AM			Clear		5 GF320	N/A	Connector		N/A		N/A
	Seltzer LD	7/15/2019	9:33:00 AM	10:30:00 AM			Clear		5 GF320	N/A	Connector		N/A		N/A
	Seltzer LD	7/15/2019	9:33:00 AM		AV		Clear		5 GF320	N/A	Fneumatic Controller		N/A		N/A
	Sharp	11/12/2018	12:45:00 PM		AV		Partially Cloudy		5 GF320	N/A	Connector		N/A		N/A
	Sharp	3/18/2019	7:52:00 AM		AV		Clear		5 GF320.	N/A	N/A		N/A		N/A
	Simpson FD	11/27/2018	9:21:00 AM	***********	MM		Partially Cloudy		4 GF320	No picture	N/A		N/A N/A		N/A N/A
	Simpson FD	5/6/2019	9:21:00 AM		KS		Cloudy		5 GF320 5 GF320	N/A N/A	Connector		N/A		N/A
	Simpson FD Simpson FD	5/6/2019	9:21:00 AM 9:21:00 AM	10:31:00 AM 10:31:00 AM			Cloudy		5 GF320	N/A	Pneumatic Controller		N/A		N/A
	Simpson FD	5/6/2019	9:21:00 AM	10:31:00 AM			Cloudy		5 GF320	N/A	Pneumatic Controller		N/A		N/A
	Stillroven Farm	1/3/2019	12:00:00 PM	12:45:00 PM			Clear		5 GF320	N/A	Connector		N/A		N/A
	Stillroven Farm	1/3/2019	12:00:00 PM		AV		Clear		5 GF320	N/A	Third Hatch		N/A	0	N/A
	Stillroven Farm	7/1/2019	3:17:00 PM		KS		Partially Cloudy		8 GF320	N/A	Connector	3	N/A	0	N/A
	Stillroven Farm	7/1/2019	3:17:00 PM	3:44:00 PM	KS		Partially Cloudy		8 GF320	N/A	Pneumatic Controller		N/A	0	N/A
	T&M DE	9/4/2018	8:30:00 AM		MM		Cloudy	- 10	0 GF320	N/A	Pressure Relief Device	1	N/A	0	N/A
218	T&M DE	1/8/7019	8:46:00 AM		MM	13	Clear		5 GF320	N/A	N/A		N/A	0	N/A
	Tailholt FD 11	8/14/2018	10:00:00 AM	12:00:00 PM		70	Partially Cloudy		4 GF320	N/A	Valve	1	N/A	0	N/A
219	Tailhoit FD 11	8/14/2018	10:00:00 AM	12:00:00 PM		70	Partially Cloudy		4 GF320	N/A	Valve	1	N/A		N/A
219	Tailholt FD 11	1/8/2019	9:11:00 AM	9:53:00 AM	MM	29	Clear		5 GF320	N/A	Pressure Relief Device		N/A		N/A
219	Tailholt FD 11	1/8/2019	9:11:00 AM	9:53:00 AM	MM	29	Clear	1	5 GF320	N/A	Valve		N/A		N/A
219	Tailholt FD 11	7/1/2019	7:30:00 AM	8-32-00 AM	KS	65	Clear		S GF320	N/A	Thief Hatch		N/A		N/A
227	Wilson IC	11/13/2018	8:40:00 AM	9:43:00 AM	MM	21	Cloudy		6 GF320	N/A	Connector		N/A		N/A
227	Wilson IC	3/18/2019	3:19:00 PM	3:35:00 PM	AV	-42	Partially Cloudy	- 1	5 GF320	N/A	Connector	1	N/A	. 0	N/A

								OGI	Compressor:	Station Affected Facility Only
Number of Each ifficult-to-Monitor Component Type Monitored * 60.5420a(b)(7)(is))	Type of Unsafe-to- Monitor Component Monitored * (\$60.5420a(b)(7)(n))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (\$60.5420s(b)(7)(vi)	Explanation for Delay of Repair * (660.5420a(b)(7)(xi))	Type of instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (\$60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)?* (§60.5420a(b)(7))	If a monitoring survey was waived the calendar months that make un the quarterly monitoring period for which the monitoring survey was waived. ** (§60.5420a(b)(7))
	N/A	.0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA .	NA
	N/A	0	1411	N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA .	NA.
	N/A	0	1 60 7 1	N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0	147.1	N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	.0		Pneumatic Controller		Shutdown required		t OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA.	NA
	N/A	0	44 4 44 4 4 4 4 4	N/A	C	N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA.
0	N/A	0	6/17/2019	N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
0	N/A	0	10/9/2018	N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA.	NA
0	N/A	0	10/12/2018	N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
0	N/A	0	N/A	N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA.	NA
0	N/A	.0	8/27/2018	N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA.	NA
0	N/A	0	8/21/2018	N/A	0	N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
0	N/A	0	8/21/2018	N/A	0	N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
0	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
0	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		Connector		Shutdown required	N/A	OGI Certifled, < 1 year OGI experience	NA	NA
0	N/A	0	7/1/2019	N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
0	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
0	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA.	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
0	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
0	N/A	0	11/16/2018	N/A	0	N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	0	N/A	N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA .	NA.
	N/A	0	N/A	N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA:
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA.	NA
	N/A	0	4 4	N/A		N/A	N/A	OGI Certified, 4+ years of OGI experience, 4 years air quality compliance expertise	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA .
	N/A	0	11 of cours	N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 5- years of OGI experience, 10 years air quality compliance expertise		NA NA
	N/A	0	N/A	N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA NA	NA NA
	N/A	0		N/A		N/A	N/A			
	N/A	0	at a diverse					OGI Certified, 5- years of OGI experience, 10 years air quality compliance expertise	NA	NA.
	N/A			N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA .	NA
		0		N/A		N/A	N/A	OGI Certified, 5- years of OGI experience, 10 years air quality compliance expertise	NA	NA
	N/A	0	-14	N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA.	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, < 1 year OGI experience	NA	NA
	N/A	0		N/A		N/A	N/A	OGI Certified, 5+ years of OGI experience, 10 years air quality compliance expertise	NA	NA
0	N/A	0	3/22/2019	N/A	0	N/A	N/A	OGI Certified, 4~ years of OGI experience, 4 years air quality compliance expertise	NA	NA

# 40 CFR PART 60 – OOOOA ANNUAL REPORT PNEUMATIC PUMPS



40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60 5420a(b) Annual Report For each pneumatic pump affected facility, an owner or operator must include the information specified in paragraphs (b)(8)(I) through (III) of this section in all annual reports:

					Pneumatic Pumps	rreviously Reported th	at have a change in Rep	orted Condition During the Reporting Period	
	fication of (ach Pump * (560.5420e(b)(11)	Was the pneumatic pump constructed, modified, or reconstructed during the reporting period? * (§60.5420a(b)(8)(i))	Which condition does the pneumatic pump meet? * (\$60.5420a(b)(8)(ii)	If your route emissions to a control device and the control device is designed to achieve <55% emissions reduction, specify the percent emissions reduction. *  [\$60.5420a(b)(8)(()(C))	Identification of Each Pump * (§60.5420a(b)(8)(ii))	Date Previously Reported* (%60.5420a(b)(8)(H))	Which condition does the preumatic pump meet? * (§60.5420u(b)(8)(ii))	If you now route emissions to a control device and the control device is designed to achieve <95% emissions reduction, specify the percent emissions reduction. *  (\$60.5420s(b)(8)(ii) and \$60.5420s(b)(8)(i)(C))	Records of deviations where the pneumatic pump was not operated compliance with requirements*  (\$60.5420a(b)(8)(iii) and \$60.5420a(c)(18)(ii))
e.g.: Pump 1	12-6-2	e.g.; modified	e.g.; Emissions are routed to a control device or process	eg.:90%	e.g.: Pump 12-e-2	eg. 10/15/17	e.g.: Control device/process	* g.: 90%	e.g. deviation of the CVS inspection
3 theory IC - Gra	race 01	Constructed	Routed to cantrol.	N/A	N/A	N/A	N/A	N/A	N/A
3 flerry IC - Sar	indplper 01	Constructed	Houted to control	N/A	N/A	N/A	N/A	N/A	N/A
3 Berry IC - Sar	indpiper 02	Constructed	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
5 8-Farm LO - 6	Graco 01	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
5 8-Ferm LO - 5	Sandpiper 01	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
5. 8-Farm LD - 1	Sandpiper 02	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
29 Burr FD 23-	Sandpiper 01	Modified	Routed to control	N/A	N/A	N/A	N/A	N/A	N/A
27 Chandler Fan	rms HD 20 - Sandpiper Q1	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
27 Chundler Fan	rms HD 20 - Sandpiper 02	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
40 Dittmer #E 2	70 - Grace 01	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
40 Dittmer KE 2	20 - Nomad 01	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
40 Dittmer KE 2	70 - Sandpiper 01	Modified	Routed to control.	N/N	N/A	N/A	N/A	N/A	N/A
50 Kodak North		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
60 Kodak North	h - Sandpiper 02	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
60 Kodak North	h - Sandpiper 03	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
60 Kodak North		Modified	Royted to control.	N/A	N/A	N/A	N/A	N/A	N/A
	h FO - Sandpiper 01	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
	h FD - Sandpiper 02	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
93 Ocho LD - No		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
93 Ocho LD - No		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
93 Ocho (D - Sa		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
	- Ingersoll Rand 01	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
121 Postle IC 10		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
121 Portle IC 10		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
114 Rael 14-4-2H		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
134 Racl 34-4-2H		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
134 Rael 34-4-2H		Modified	Routed to control.	N/A	N/A	N/A	84/6.	N/A	N/A
142 Raindance FI	The state of the s	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
142 Raindance FO		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
142 Raindance FO		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
142 Raindance FO		Modified	Routed to control.	N/A	N/A	N/A	84/A	N/A	R/A
156 Ritchey 26 -		Modified	Houted to control	N/A	N/A	N/A	N/A	N/A	N/A
162 Seck KE - Nor		Modified	Routed to control	N/A	N/A	N/A	N/A	N/A	N/A
162 Sack KE - San		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
162 Sack KI - San	The state of the s	Modified	Routed to control	N/A	N/A	N/A	N/A	N/A	N/A
168 Schuefer LD		Modified	Routed to control	N/A	N/A	N/A	N/A	N/A	N/A
168 Schaefer LD		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
174 Schneider HI		Modified	Routed to control	N/A	N/A	N/A	N/A	N/A	N/A
174 Schneider HI		Modified		N/A	N/A	N/A	N/A	N/A	N/A
			Routed to control.		N/A			N/A	N/A
190 Seitzer LD		Constructed	Routed to control	N/A		N/A	N/A		
190 Seitzer LD - 1		Constructed	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
198 Sharp - Nomi		Constructed	Routed to control	N/A	N/A	N/A	N/A	N/A	N/A
198 Sharp - Sand	Andrew Comments	Constructed	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
198 Sharp - Sand		Constructed	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
199 Simpson FD		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
199 Simpson FO		Modified	Rayted to control.	N/A	N/A	N/A	N/A	N/A	N/A
199 Simpson FD		Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
230 Stillroven Far		Constructed	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A
	arm - Sandpiper 01	Constructed	Routed to central.	N/A	N/A	N/A	N/A	N/A	N/A
210 Stillroven Far	arm - Sandpiper 02	Constructed	Rauted to control	N/A	N/A	N/A	N/A	N/A	N/A
218 TBM DE - Ing	rgersell Rand 01	Modified	Routed to central.	N/A	N/A	N/A	N/A	N/A	N/A
218 T&M DE - 5a	andpiper 01	Modified	Routed to control.	N/A	N/A	N/A	N/A	N/A	N/A